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GROUNDWATER MONITORING REPORT
April 2004 Sampling Event
Former Nello Teer Quarry
5013 Denfield Street
Durham, North Carolina

Prepared for:
Hanson Aggregates
2300 Gateway Centre Blvd.
Morrisville, North Carolina 27560

Prepared by:
Quantum Environmental, Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

June 2004

Quantum Project No. 0013-94-012

Quantum

Quantum Environmental, Inc.

June 4, 2004

Mr. Mark Powers
North Carolina Department of Environment and Natural Resources
UST Section
1628 Mail Service Center
Raleigh, NC 27699

RE: Semi-Annual Groundwater Monitoring Report Submittal
Hanson Aggregates Durham Quarry
Durham, NC
Groundwater Incident Number 9357
Quantum Project No. 0013-94-012

Dear Mr. Powers:

Quantum Environmental, Inc. (Quantum) is pleased to submit the enclosed Semi-Annual Groundwater Monitoring Report concerning the above-referenced site. This report documents the groundwater conditions at the site in April 2004.

If you have any questions regarding this report, please contact me at (919) 852-3595.

Sincerely,

QUANTUM ENVIRONMENTAL, INC.

Thomas W. Davis, L. G.
Project Hydrogeologist

L04-144

Cc: Mr. Steve Edgerton, L. G.
Mr. Eric Rice, DENR-RRO, Groundwater Section

Enclosure

6001 Chapel Hill Road Suite 108 Raleigh, North Carolina 27607 919.852.3595 919.852.1997 fax

Semi-Annual Groundwater Monitoring Report
Nello Teer Quarry
5013 Denfield Street
Durham, North Carolina
Durham County
Groundwater Incident #9357

Date of Report: June 4, 2004

Site Priority Ranking: 110B

Responsible Party: Nello Teer Company
5013 Denfield Street
Durham, NC 27560
(919) 477-2413

Current Owner: Hanson Aggregates
2300 Gateway Centre
Morrisville, NC 27560
(919) 380-2600

Consultant: Quantum Environmental, Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

Release Information:

The soil and groundwater contamination by petroleum hydrocarbons appears to have originated from gasoline, diesel, and waste oil underground storage tanks (USTs) located at a former gas station on-site with multiple UST nests. Additional groundwater contamination, by chlorinated hydrocarbons, appears to have originated from an asphalt testing laboratory formerly operated by the North Carolina Department of Transportation (NCDOT).

Latitude: **36° 3.45' North** **Longitude:** **78° 53.10' West**

Thomas Davis, L.G.
Project Hydrogeologist

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1.0 Background

On April 16, 17 and 20, 2004, Quantum Environmental, Inc. (Quantum) personnel conducted groundwater-sampling activities from selected monitoring and recovery wells at the former Nello Teer (Teer) Quarry yard in Durham, North Carolina. This was done in accordance with the active remediation Corrective Action Plan (CAP) submitted to the North Carolina Department of Environment, Health and Natural Resources (DEHNR), Raleigh Regional Office in 1995. This report presents the sampling methodologies, groundwater flow directions, current extent of contamination, analytical results provided by Environmental Science Corporation (ESC), and recommendations. This sampling was conducted to define the contaminant plumes and assess the progress of the site cleanup.

1.1 Site Location and History

The Nello Teer Quarry is an inactive aggregate mining and processing facility located on Denfield Street (State Road 1641) in Durham County, North Carolina (Figure 1). The property has been in operation as a crushed stone quarry and asphalt plant since the 1940s; however, at this time it is used for aggregate staging and equipment maintenance only, with no active mining operations occurring. Groundwater contamination found in a water supply well designated W-1 prompted the issuance of a Notice of Violation from the North Carolina Division of Environmental Management (NCDEM) under the North Carolina Groundwater Standards (15 NCAC 2L) in November, 1993.

The soil and groundwater contamination by petroleum hydrocarbons appears to have originated from gasoline, diesel, and waste oil underground storage tanks (USTs) located at a former gasoline station on-site (multiple UST nests). Additional groundwater contamination, by chlorinated hydrocarbons, appears to have originated from an asphalt-testing laboratory formerly operated by the North Carolina Department of Transportation (NCDOT). A Comprehensive Site Assessment Report, submitted by Geonetics, Inc. in 1993 indicated a large volume of contaminated soil existed at the site; however, many of Geonetics conclusions were based on field organic vapor analyzer results only and were not confirmed with laboratory analysis of soil samples.

Quantum submitted a revised Corrective Action Plan (CAP) for soil and groundwater remediation along with applications for a permit to land apply hydrocarbon-contaminated soils and a discharge permit (NPDES) for treated groundwater. The permits were both issued and the land application of contaminated soil was completed in 1997. Quantum completed construction and started the groundwater remediation system in October 1997. To date over 12 million gallons of groundwater have been recovered and successfully treated by this remediation system. Figure 2 illustrates the locations of all monitoring and recovery wells at the site.

During the week of February 17, 2003 a Hydrogen Release Compound (HRC®) pilot study injection event took place in a 40-foot by 40-foot grid centered on MW-29 and MW-29i (Figure 3). This pilot study was conducted to determine the effects of injecting this material into the subsurface to treat the chlorinated solvent plume present in this area. 3,000 pounds of HRC® were injected into the subsurface through a total of 25 injection points. Approximately half of the injection points were 33 feet deep and the remaining injection points were 18 feet deep. Since the injection event, recovery wells RW-5, 6, 7 and 9 have not operated (except to collect samples), to maximize the effects of the HRC® on the aquifer. A report detailing the results of the HRC® pilot study was submitted to the DENR Division of Water Quality on March 24, 2004.

On September 9, 2003 groundwater recovery and treatment was temporarily suspended. This was done to eliminate the potential for remediation system effluent chronic-toxicity testing failures. After considerable evaluation of the operation and design of the remediation system as well as consideration of other possible discharge alternatives, Quantum determined that the only way to ensure no further chronic-toxicity testing failures would occur was to continue the temporary suspension of system operations.

Quantum anticipates resuming operation of recovery wells RW-3, RW-8 and RW-10 in the near future. These recovery wells are located in the petroleum plume. Operation of these wells, as well as the recently installed soil vapor extraction (SVE) system located in the vicinity of the former service station, should accelerate the remediation of the limited remaining petroleum contamination at the site (Figure 5). This SVE system, when operational, will address the BTEX and naphthalene contaminated soil in the vicinity of the former USTs. Sixteen vapor recovery wells were installed to depths of 20 feet. A new groundwater recovery well (RW-10) was also installed in the former tank pit to depress the water table in this area facilitating operation of the SVE. In addition, Quantum intends to prepare a natural attenuation CAP to address the remaining solvent-contaminated groundwater at the site, located adjacent to the petroleum plume area.

Presently eight monitoring wells for the shallow (water table) aquifer and eight monitoring wells for the deep (semi-confined) aquifer exist at the site. Shallow monitoring wells MW-25i, 29, and 29i were installed in 2002 to monitor the affects of the HRC® pilot study injection event. Deep monitoring well MW-28D was also installed prior to the injection event. There are also ten recovery wells at the site. Five recovery wells are located near the old gasoline station on the southern portion of the site (RW-2, 3, 4, 8, and 10), four are located at the site of the old asphalt plant on the northern portion of the site (RW-5, 6, 7, and 9), and one deep recovery well is located between the two source areas (RW-1). A Well Location Map is presented as Figure 2. All of the monitoring and recovery wells except RW-2, 4 and 9 were sampled during this event. These recovery wells are currently not operational.

2.0 Groundwater Sampling Methodology

Prior to collecting groundwater samples, water levels were measured in all monitoring wells using an electronic water level meter. The expansion plugs were removed from each well and enough time was allowed before collecting the measurements to permit the water level in the monitoring wells to equilibrate with the ambient atmospheric pressure. The measurements were collected to an accuracy of 0.01 feet and recorded in the field logbook.

In order to prevent cross contamination from one well to another while collecting water levels, Quantum personnel donned new, clean, non-reactive gloves prior to measuring each well. The electronic water level meter probe and tape were decontaminated following EPA protocol prior to collecting measurements from each well. Water level data from all wells gauged are presented in Table 1.

All monitoring wells sampled were purged by removing at least three well volumes of groundwater, or until the wells went dry, using new disposable bailers and new nylon rope. MW-20D, MW-28D and MW-13 were purged and sampled using a cleaned Grundfos RediFlo 2 pump and new tubing. After allowing groundwater levels to equilibrate to or near static water levels following purging, water samples were collected from the following wells:

Shallow: MW-7, MW-17, MW-18, MW-25, MW-25i, MW-26, MW-29 and MW-29i; and Recovery wells RW-5, RW-6, RW-7 and RW-10

Deep: MW-1, MW-9, MW-11, MW-13, MW-15I, MW-20D and MW-23; and Recovery wells RW-1, RW-3 and RW-8

The samples were placed in labeled, laboratory prepared containers, stored on ice in a cooler, and transported under Chain of Custody to ESC, a North Carolina certified laboratory. The samples were submitted for analysis using EPA Methods 6210d and for lead using 3030c preparation, as well as using EPA Method 625 where appropriate. A copy of the Chain of Custody is included in Appendix A. Following sampling for the above referenced parameters, wells MW-18 and MW-29 were sampled for hydrogen content determination using a peristaltic pump and gas stripping cell following a protocol developed by Microseeps, Inc. The results of this sampling will be incorporated in the solvent plume natural attenuation CAP to be prepared by Quantum.

3.0 Sampling Results

Potentiometric data collected from the monitoring wells indicates that groundwater flow direction for the shallow aquifer is basically away from the marshy area to the southwest,

south and southeast with an average hydraulic gradient of 0.025 ft/ft. The groundwater flow direction for the deep aquifer was determined to be to the northwest with an average hydraulic gradient of 0.054 ft/ft. Table 1 presents a summary of the water level data from the latest sampling event. Figures 3 and 4 present potentiometric surface maps of the shallow and deep aquifers, respectively. Unlike during previous sampling events, no groundwater recovery wells were functioning at the time these water levels were collected. Water level measurements were collected while some, if not all, recovery wells were operating during previous sampling events.

3.1 Discussion of Sampling Results, Chlorinated VOCs

Laboratory analytical results from the latest semi-annual sampling event continue to indicate that levels of chlorinated hydrocarbons detected in the groundwater monitoring wells vary across the site. Previously, significant decreases in several chlorinated compounds were noted in response to the HRC® injection event pilot study, as evidenced by the reductions in 1,1-dichloroethene, 1,1,1-trichloroethane and trichloroethene observed in MW-25, MW-25i, MW-28d, RW-5 and RW-9 since the injection event week of February 17, 2003. In addition, the samples from some wells yielded increases in some compounds, as should be expected following an injection of HRC® and subsequent breakdown of more complex CVOCs into daughter compounds. Previously, wells MW-25, MW-25i, MW-29i, and RW-5 had increases in vinyl chloride and chloroethane content. During the latest sampling event, the sample collected from MW-25 yielded an increase in several chlorinated compounds since the last sampling event. In addition, this well contained vinyl chloride, 1,1-dichloroethene, and 1,2-dichloroethane at concentrations above the 2L standards. Monitoring well MW-25i contained less vinyl chloride than was detected in the last sampling event. Well MW-28d exhibited a slight increase in vinyl chloride and 1,1-dichloroethene since the last sampling event and are both present above 2L standards.

Monitoring wells MW-11 and MW-13 both continue to show no chlorinated VOCs (CVOCs) above their State standards. Monitoring well MW-17 continues to show no vinyl chloride in a detectable concentration, and MW-18 has not contained any detectable compounds above State standards since June 2002. Deep well MW-20D has not contained any CVOCs above their respective 2L Standards since September 2002. MW-26 experienced a significant decrease in total CVOC content prior to 1995 and since June 2000 has not contained any CVOC compounds above their respective 2L Standards.

Similarly, the concentrations of CVOCs in the recovery wells continue to vary across the site. RW-5 now contains only vinyl chloride above State standards. RW-9 was not sampled during this event as the well is currently not operational. RW-6, outside the HRC® injection event pilot study area, contained vinyl chloride, trichloroethene and 1,1-dichloroethene above 2L Standards, and at concentrations greater than detected during

the last sampling event. RW-7 did not contain any compounds above their respective 2L Standards.

In summary, the HRC® pilot study injection event conducted during 2003 had a significant impact on the concentrations of chlorinated solvents present within the area of the injection grid. Since the last sampling event, concentrations of some compounds have increased but the net effect of the injection event has been positive. The majority of the contamination remaining in the area of the pilot study is vinyl chloride, the final chlorinated solvent in the breakdown chain prior to the non-toxic end-products ethane and ethene. Thus further degradation of the vinyl chloride will yield ethane and ethene, neither of which is toxic and is not of concern. Concentrations of other CVOCs outside the area of the pilot study remain somewhat elevated, as evidenced by the sampling results obtained from recovery well RW-6, but the concentrations of chlorinated solvent compounds other than vinyl chloride that are present above State standards are basically limited to the areas around RW-6.

Tabulations of the current laboratory analytical results for the shallow and deep aquifers are presented in Tables 2 and Table 3, respectively. Figure 6 is the vinyl chloride isoconcentration map for the site. Figures 7 and 8 are the trichloroethene and 1,1-dichloroethene concentration maps, respectively, for the site. Table 4 provides the complete historical monitoring well data from 1993 through the current monitoring period, and Table 5 is a compilation of the analytical results for the recovery wells at the site. Overall, sampling results from the site indicate the gradual decrease in groundwater concentrations. This historic data has been plotted in a series of groundwater concentration versus time graphs illustrating the decrease in groundwater concentrations for two representative monitoring wells at the site. These graphs are presented as Appendix B.

3.2 Discussion of Sampling Results, Petroleum Hydrocarbons

Laboratory analytical results from the April 2004 semi-annual sampling event indicate that levels of petroleum hydrocarbons detected in the groundwater monitoring wells also vary across the site.

MW-20D contained no compounds above State 2L Standards while MW-23 experienced a slight increase in benzene and other petroleum VOCs. MW-15i continues to show no evidence of petroleum compounds above the State 2L Standards. Recovery well RW-1 was found to contain only benzene above the 2L Standards. Recovery well RW-2 was not sampled during the latest sampling event, but it has not contained any petroleum compounds above 2L Standards since January 2001, and only one compound has been detected above 2L Standards since 1994. Recovery well RW-3 was found to contain several petroleum compounds, including benzene, ethylbenzene, naphthalene, 1-, and 2-

methylnaphthalene above State standards (there is no standard for 1-methylnaphthalene, thus no detectable concentration is allowed). Recovery well RW-4 was not sampled during the latest sampling event. Recovery wells RW-5, 6 and 7 did not contain any petroleum compounds. RW-8 contained only benzene above 2L Standards. RW-9 was not sampled during this event, but it has not contained any detectable concentrations of petroleum compounds when sampled during past events. The new recovery well, RW-10 contained naphthalene and 1-methylnaphthalene above State standards. No wells were found to contain chloroform above State Standards and this compound has not been detected previously at the site, thus the concentrations reported during the October 2003 sampling event are strongly considered to be a result of laboratory contamination and are not indicative of actual site conditions.

In summary, the residual petroleum contamination is limited to the area encompassing RW-1, RW-3, MW-23, RW-10 and RW-8. A concentration map for benzene in groundwater can be found in Figure 5.

4.0 Remedial System Operation Summary

The remediation system has not operated since the system was shut-down on September 8, 2003. Operation of the remediation system was temporarily suspended in September to eliminate the possibility of failing the required chronic toxicity testing test as stipulated under the existing NPDES permit for the site. This was done after significant evaluation of the system operation and maintenance, the testing requirements, sampling procedures, as well as several wastewater discharge alternatives. It was determined that suspension of system operations would eliminate the risk of chronic toxicity test failure. Currently, Quantum is seeking to resume limited operation of the treatment system in order to only remediate petroleum-contaminated groundwater by operating recovery wells RW-3, RW-8 and RW-10. It is anticipated that pumping of these wells exclusively (and not from recovery wells in the chlorinated solvent plume) will likely eliminate the potential for contaminants that might otherwise trigger a chronic-toxicity test failure from entering the treatment system. The system will then operate under a general NPDES permit appropriate for petroleum-contaminated sites (where chronic-toxicity sampling of the system effluent is not relevant). Operation of the groundwater remediation system is also necessary to draw down the water table in the vicinity of the former service station to facilitate operation of the SVE system in this area.

In addition, Quantum is pursuing remediation of the limited chlorinated solvent plume remaining at the site under a natural attenuation CAP.

5.0 Summary and Recommendations

Variations in petroleum-based groundwater contaminant concentrations occurred during the monitoring period. This is possibly due to the temporary cessation of remediation system operation. Operation of the SVE system, as well as resumption of groundwater recovery from the wells in the petroleum plume, is expected to greatly assist in the remediation of the petroleum-contaminated groundwater at the site. Sampling results indicate that the petroleum contaminated groundwater at the site remains limited to the area encompassing RW-1, RW-3, RW-8, RW-10 and MW-23.

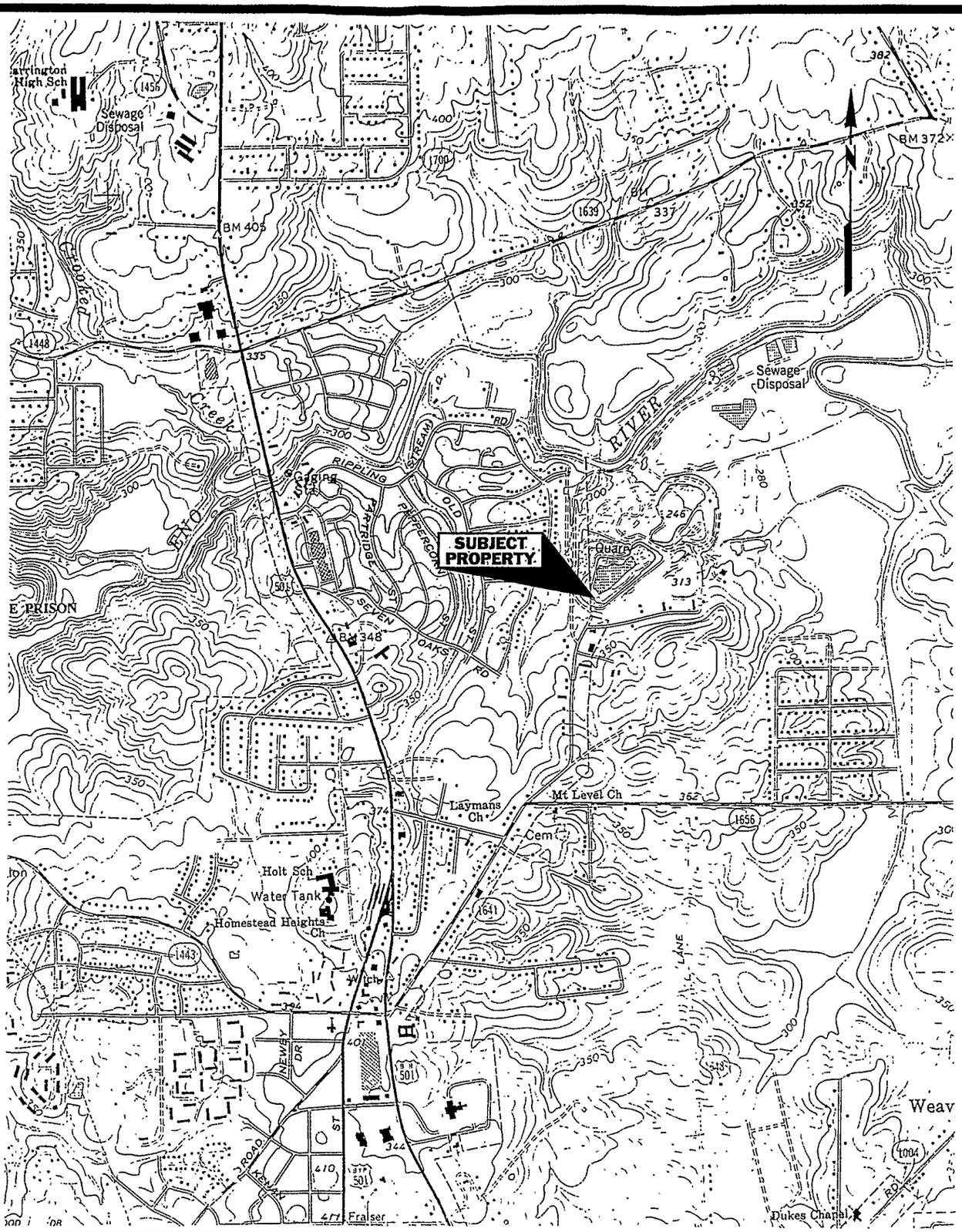
Concentrations of chlorinated hydrocarbon compounds mainly decreased with the exception of vinyl chloride since the HRC® pilot study was conducted in February 2003. As a result of the degradation of other CVOCs, vinyl chloride concentrations have increased.

Based on the results of the current semi-annual sampling event, Quantum recommends that recovery and treatment of petroleum contaminated groundwater resume when a general NPDES permit is obtained. Quantum has taken steps within the Company's power to expedite the modification of the existing NPDES permit to a general permit. Operation of the SVE system is also a high priority and should resume following receipt of the modified permit. Both of these activities should continue until concentrations of petroleum compounds reach acceptable levels.

As the concentrations of chlorinated solvents have decreased substantially as a result of the HRC® pilot study injection event, the extent of the plume is limited, and groundwater recovery in the shallow portions of the chlorinated plume is low, Quantum is pursuing a natural attenuation CAP for the remediation of the chlorinated solvent plume.

Figures

Figures



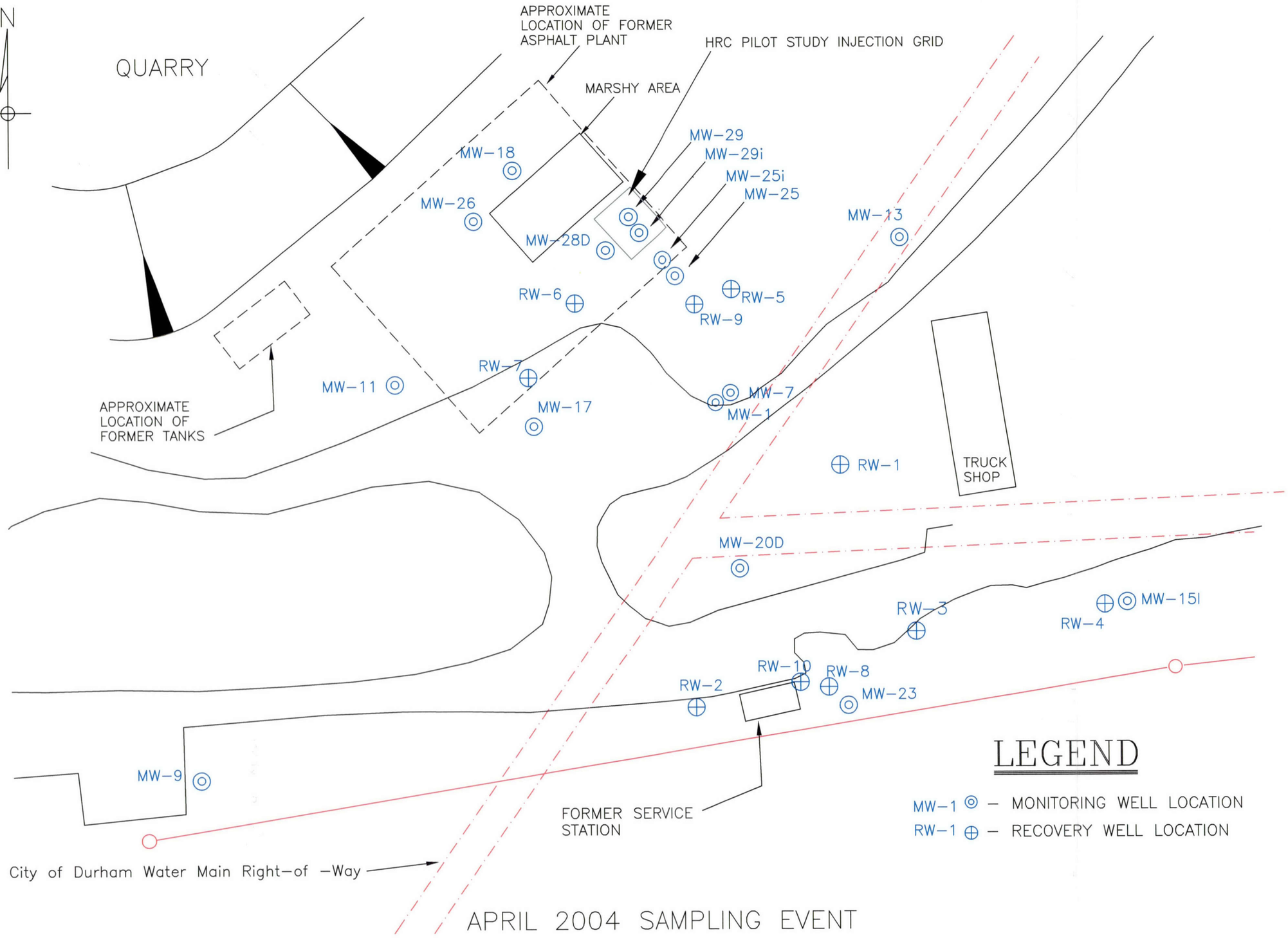
Site Location Map
Nello Teer Quarry
5013 Denfield St.
Durham, NC
Ref: NW Durham Quadrangle

Quantum Environmental, Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607
Phone: (919) 852-3595 Fax: (919) 852-1997

FIGURE 1

SCALE: 1" = 2000'

Proj. No.: 0013-94-012



APRIL 2004 SAMPLING EVENT

Quantum ENVIRONMENTAL, INC.
6001 Chapel Hill Rd. Suite 108
Raleigh North Carolina 27607
Phone: (919) 852-3595 Fax: (919)852-1997

FIGURE 2

WELL LOCATION MAP
NELLO L. TEER
DURHAM QUARRY

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0013-94-012
SCALE: 1"= 75'

DWN	CHK	CLIENT APPROVAL
DATE	DATE	DATE
12/97		

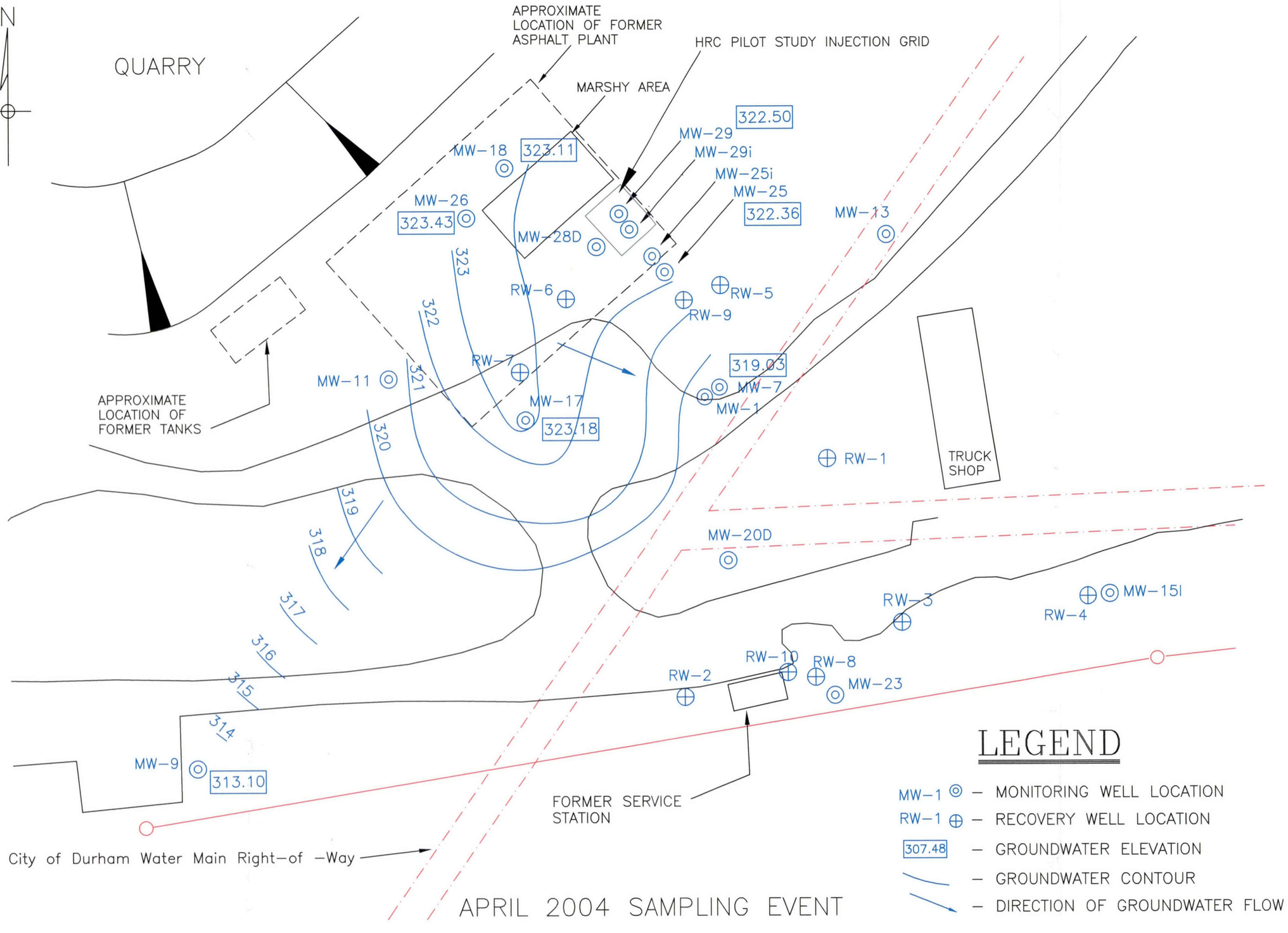

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FIGURE 3

SHALLOW AQUIFER POTENTIOMETRIC MAP
NELLO L. TEER
DURHAM QUARRY

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0013-94-012
SCALE: 1"= 75'

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DATE	DATE	DATE
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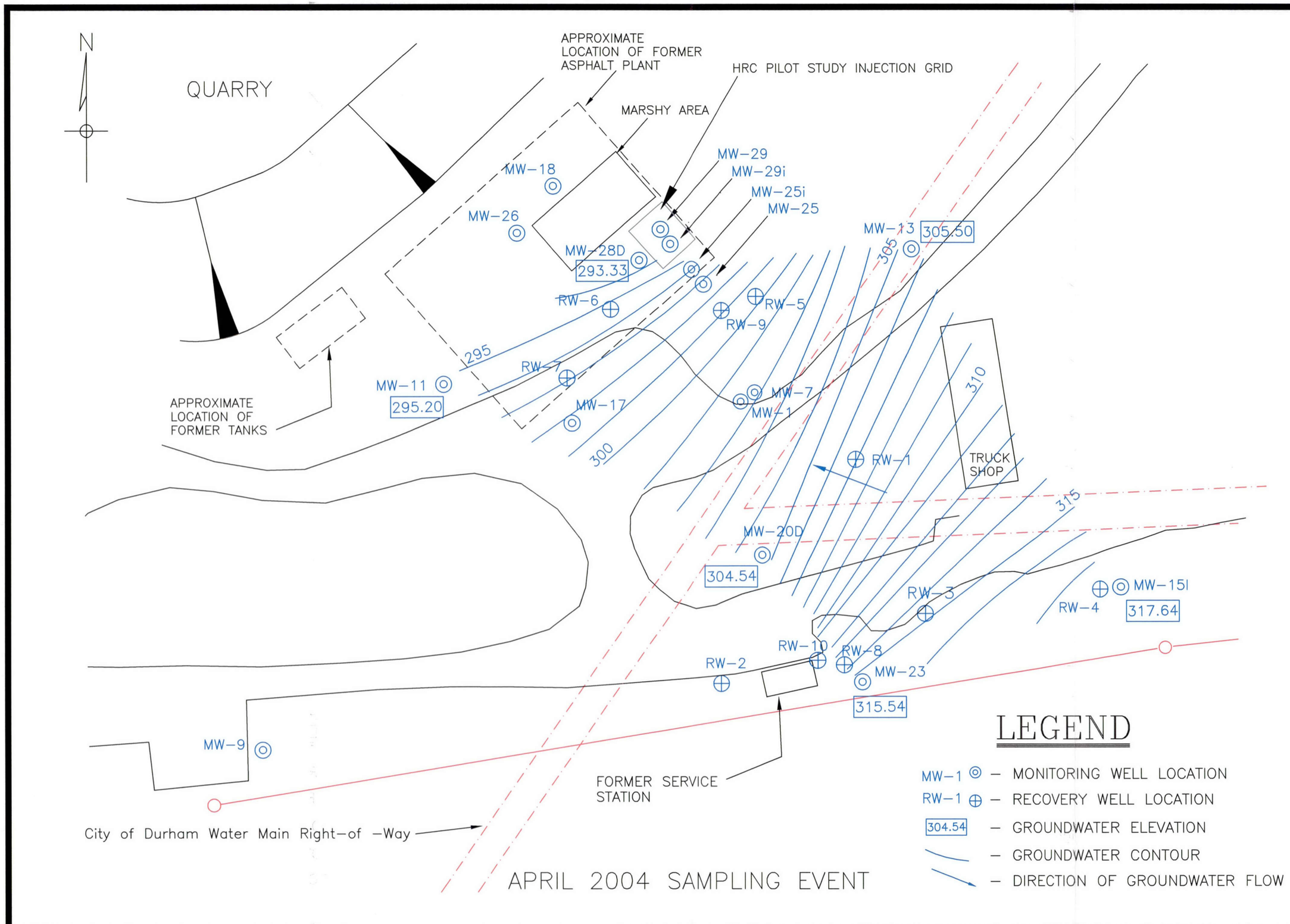

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Raleigh North Carolina 27607
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FIGURE 4

DEEP AQUIFER POTENTIOMETRIC MAP
NELLO L. TEER
DURHAM QUARRY

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0013-94-012

SCALE: 1"= 75'

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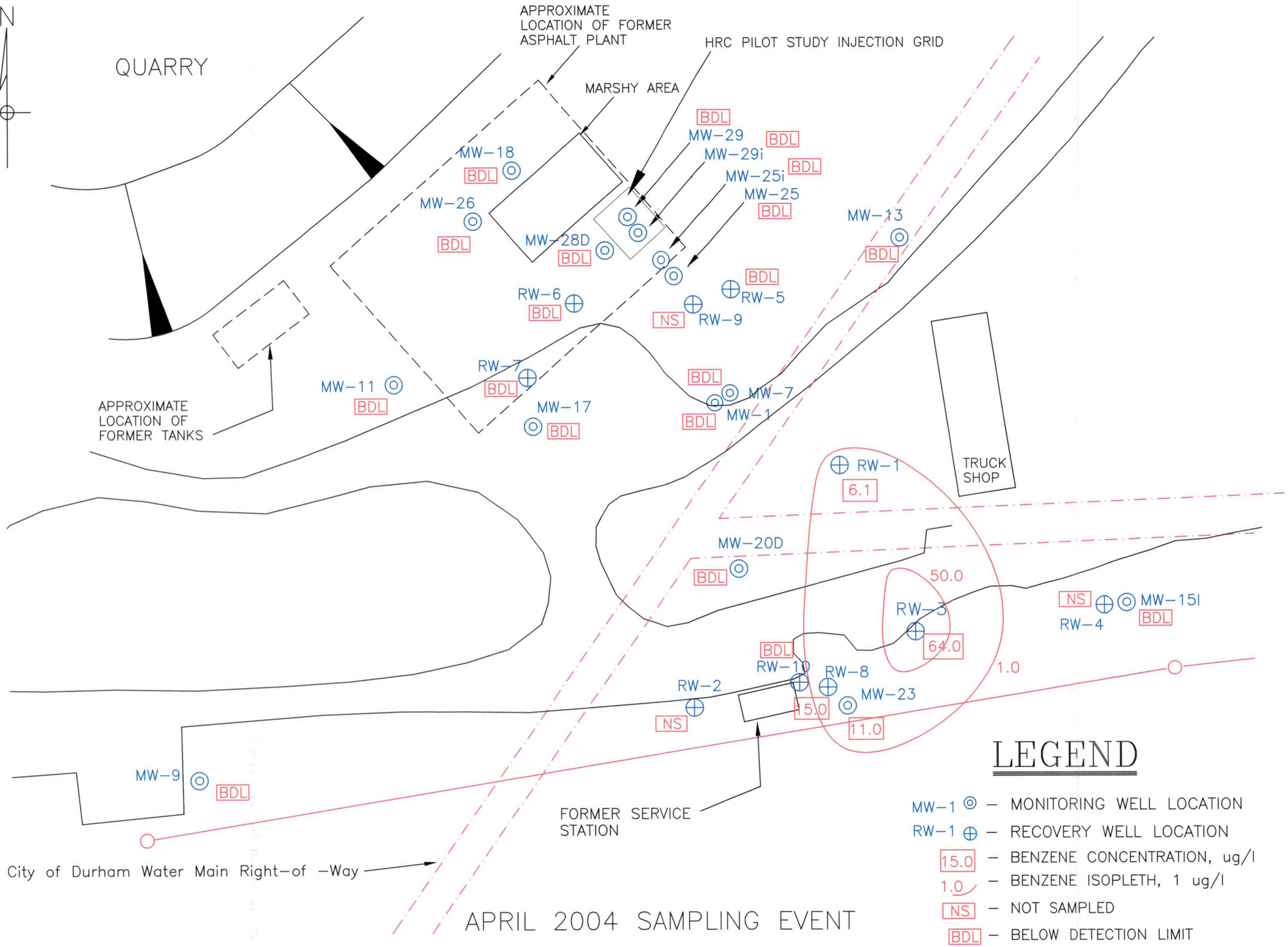
DATE	DATE	DATE
12/97		



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Raleigh North Carolina 27607
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FIGURE 5

BENZENE PLUME MAP
NELLO L. TEER
DURHAM QUARRY

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Project No.
0013-94-012

SCALE: 1"= 75'

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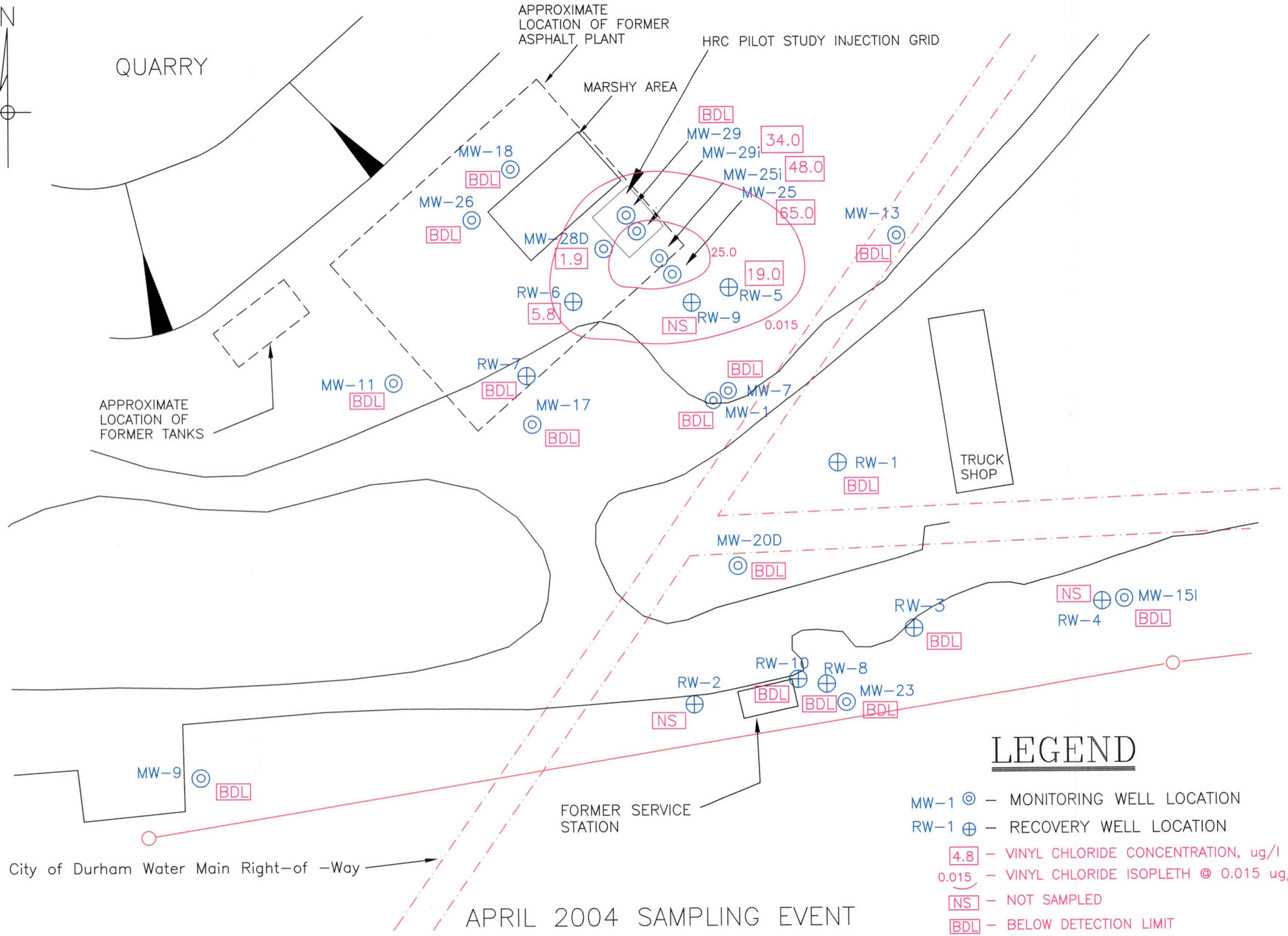

Quantum ENVIRONMENTAL, INC.
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FIGURE 6

VINYL CHLORIDE PLUME MAP
NELLO L. TEER
DURHAM QUARRY

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0013-94-012

SCALE: 1"= 75'

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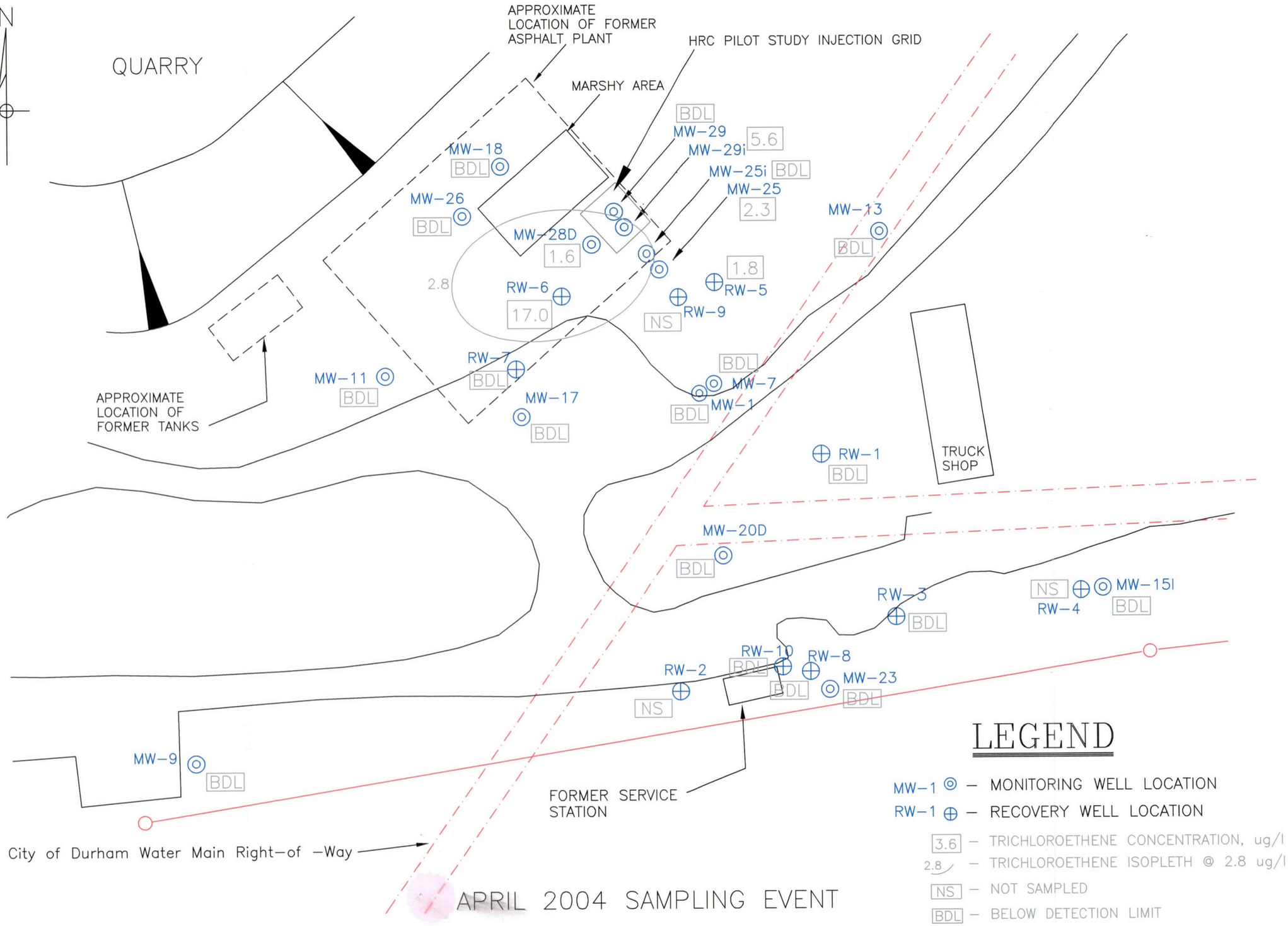

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FIGURE 7

TRICHLOROETHENE PLUME MAP
NELLO L. TEER
DURHAM QUARRY

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Project No.
0013-94-012
SCALE: 1"= 75'

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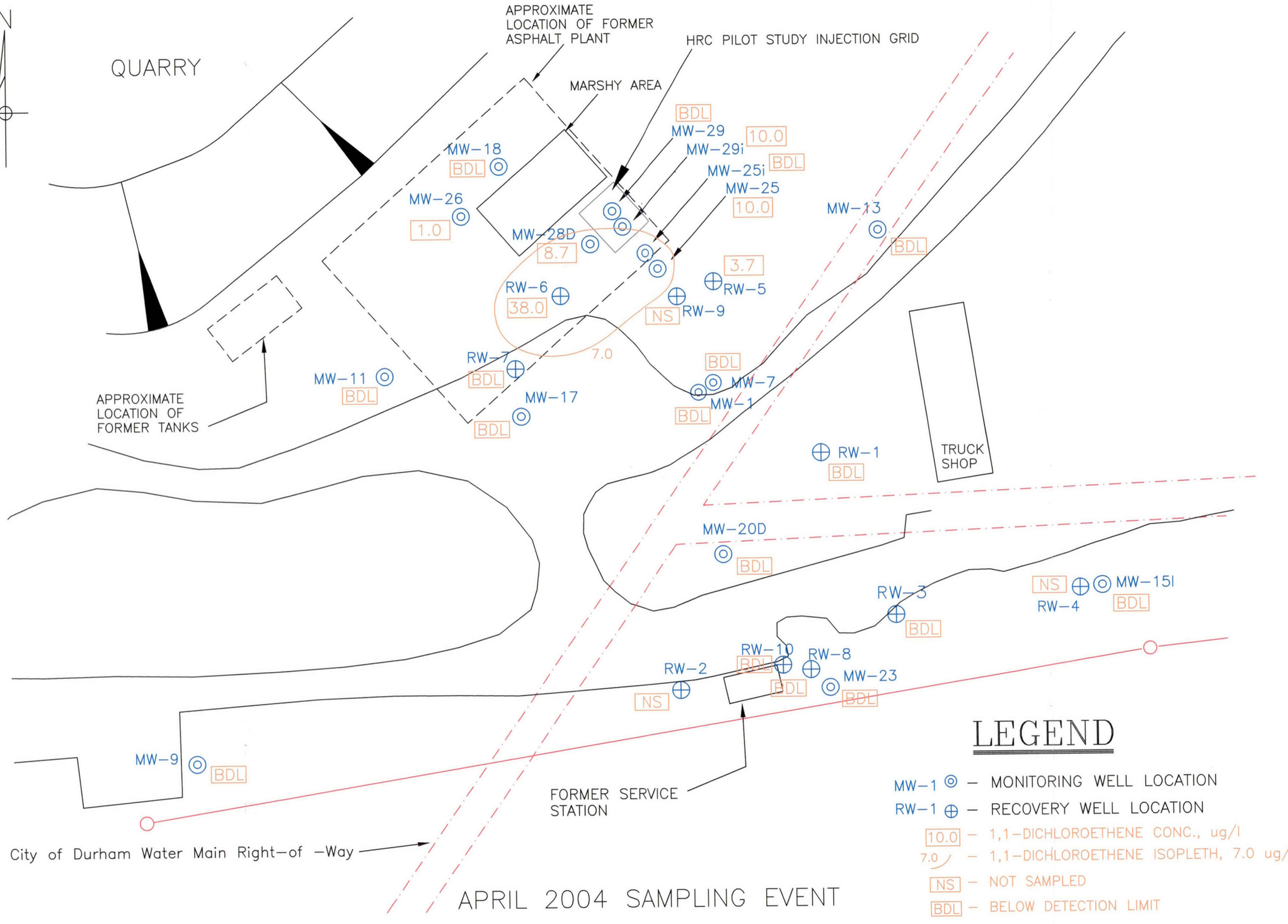

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FIGURE 8

1,1-DICHLOROETHENE PLUME MAP

NELLO L. TEER

DURHAM QUARRY

Revisions

Project No.
0013-94-012

SCALE: 1"= 75'

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DATE	DATE	DATE
152	9/1	

Tables

Tables

Table 1. **Well and Water Level Data**
April 2004 Sampling Event
Nello Teer Quarry, Denfield St.
Durham, North Carolina

Well #	Top of Casing Elevation [a]	Screen Interval [b]	Depth to Water [c]	Water Table Elevation [a]	Purge Volume (Gallons)
MW-1	329.5	20.0 - 35.0	13.11	316.39	11
MW-7	329.26	9.0 - 14.0	10.23	319.03	8
MW-9	333.65	25.0 - 40.0	20.55	313.10	10
MW-11	327.87	35.0 - 50.0	32.67	295.20	9
MW-13	326.48	50.0 - 65.0	20.98	305.50	22
MW-15I	329.53	25.0 - 40.5	11.89	317.64	14.25
MW-17	327.59	2.5 - 12.5	4.41	323.18	4
MW-18	328.43	3.0 - 13.0	5.32	323.11	4
MW-20D	329.58	110.0 - 115.0	25.04	304.54	45
MW-23	331.87	25.0 - 47.0	16.33	315.54	15.5
MW-25	328.92	4.0 - 14.0	6.56	322.36	3.75
MW-25i	329.03	18.0 - 33.0	19.69	309.34	7
MW-26	328.92	3.0 - 13.0	5.49	323.43	3.75
MW-28D	329.97	85.0 - 90.0	36.64	293.33	27
MW-29	328.89	4.0 - 14.0	6.39	322.50	4
MW-29i	328.74	18.0 - 33.0	19.22	309.52	7

Measurements collected April 13, 2004.

[a] surveyed elevation, referenced to mean sea level
[b] feet below land surface
[c] feet below top of casing

Table 2. Groundwater Sample Results Summary-Shallow Monitoring Wells
April 2004 Sampling Event
Nello Teer Quarry, Denfield Street
Durham, North Carolina

PARAMETER	MW-7	MW-17	MW-18	MW-25	MW-25i	MW-26	MW-29	MW-29i	2L LIMITS
Benzene	BDL [a]	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.0
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.0
Xylenes (Total)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.0
Lead	BDL	BDL	BDL	BDL	12.0	BDL	BDL	BDL	15.0
2-Methylnaphthalene	NA	NA [b]	NA	NA	BDL	NA	BDL	BDL	14.0
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21.0/6.0 [c]
Acenaphthene	NA	NA	NA	NA	BDL	NA	BDL	BDL	80.0
Chloroethane	BDL	BDL	BDL	100.0	110.0	BDL	BDL	20.0	2800.0
2-Chlorotoluene	BDL	BDL	BDL	7.7	BDL	BDL	BDL	15.0	140.0
4-Chlorotoluene	BDL	BDL	BDL	BDL	**6.6**	BDL	BDL	BDL	NS [d]
1,1-Dichloroethane	BDL	2.6	BDL	120.0	92.0	2.0	1.0	69.0	700.0
1,1-Dichloroethene	BDL	BDL	BDL	**10.0** [e]	BDL	1.0	BDL	**10.0**	7.0
1,2-Dichloroethane	BDL	BDL	BDL	**1.5**	BDL	BDL	BDL	BDL	0.38
cis-1,2-Dichloroethene	BDL	BDL	BDL	6.9	BDL	2.6	BDL	7.6	70.0
Trichloroethene	BDL	BDL	BDL	2.3	BDL	BDL	BDL	**5.6**	2.8
1,1,1-Trichloroethane	BDL	BDL	BDL	21.0	7.0	BDL	BDL	37.0	200.0
1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.70
Vinyl chloride	BDL	BDL	BDL	**65.0**	**48.0**	BDL	BDL	**34.0**	0.015
Total CVOCs	--	2.6	--	334.4	263.6	5.6	1.0	198.2	--

All Values in µg/L.

[a] *BDL Indicates Below Detection Limit.*
[b] *NA Indicates Parameter Not Included in Analyses.*
[c] *Proposed Standard of 6.0 µg/l.*
[d] *NS Indicates No Standard Exists for this Compound.*
[e] *Bold Text Indicates Concentration in Excess of State Standard.*

Quantum Project No. 0013-94-012

Table 2, cont. **Groundwater Sample Results Summary-Shallow Recovery Wells**
April 2004 Sampling Event
Nello Teer Quarry, Denfield Street
Durham, North Carolina

PARAMETER	RW-5	RW-6	RW-7	RW-10	2L LIMITS
Benzene	BDL [a]	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	1,000.0
Ethylbenzene	BDL	BDL	BDL	BDL	29.0
Xylenes (Total)	BDL	BDL	BDL	BDL	530.0
Naphthalene	BDL	BDL	BDL	**72.0** [b]	21.0/6.0 [c]
Lead	6.6	BDL	7.6	13.0	15.0
1-Methylnaphthalene	NA [d]	NA	NA	**15.0**	NS [e]
Bromomethane	BDL	BDL	BDL	BDL	1.0
Chloroform	BDL	BDL	BDL	BDL	0.19
Chloroethane	25.0	1.5	BDL	BDL	2,800.0
2-Chlorotoluene	6.0	BDL	BDL	BDL	140.0
1,1-Dichloroethane	72.0	43.0	4.6	BDL	700
1,1-Dichloroethene	3.7	**38.0**	BDL	BDL	7.0
cis-1,2-Dichloroethene	2.6	12.0	1.1	BDL	70.0
Trichloroethene	1.8	**17.0**	BDL	BDL	2.80
1,1,1-Trichloroethane	9.0	89.0	BDL	BDL	200.0
1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	1.00
Tetrachloroethene	BDL	BDL	BDL	BDL	0.70
Vinyl Chloride	**19.0**	**5.8**	BDL	BDL	0.015
Total CVOCs	139.1	206.3	5.7	--	--

All Values in µg/L.

[a] *BDL Indicates Below Detection Limit.*
[b] *Bold Text Indicates Concentration In Excess of State Standard.*
[c] *Proposed Standard of 6.0µg/l.*
[d] *NA Indicates Compound Not Included in Analyses.*
[e] *NS Indicates No Standard Currently Exists for Compound.*

Quantum Project No. 0013-94-012

Table 3. Groundwater Sample Results Summary-Deep Monitoring Wells
April 2004 Sampling Event
Nello Teer Quarry, Denfield Street
Durham, North Carolina

PARAMETER	MW-1	MW-9	MW-11	MW-13	MW-15i	MW-20D	MW-23	MW-28D	2L LIMITS
Benzene	BDL [a]	BDL	BDL	BDL	BDL	BDL	**11.0** [b]	BDL	1.0
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.0
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	3.6	BDL	29.0
Xylenes (Total)	BDL	BDL	BDL	BDL	BDL	BDL	5.9	BDL	530.0
Lead	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15.0
Acetone	BDL	BDL	BDL	76.0	BDL	BDL	BDL	BDL	700.0
2-Chlorotoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	140.0
1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	1.3	BDL	350.0
Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	7.1	BDL	70.0
n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	9.8	BDL	70.0
n-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	70.0
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	2.6	BDL	70.0
DIPE	BDL	BDL	BDL	4.5	BDL	2.1	7.5	1.1	70.0
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	9.4	BDL	21.0/6.0 [c]
1,1-Dichloroethane	BDL	BDL	1.2	3.4	BDL	BDL	BDL	24.0	700.0
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**8.7**	7.0
cis-1,2-Dichloroethene	BDL	BDL	BDL	1.4	BDL	BDL	BDL	4.5	70.0
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	2.8
1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	200.0
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.9**	0.015
Total CVOCs	--	--	1.2	4.8	--	--	--	42.3	--

All Values in µg/L.
[a] *BDL Indicates Below Detection Limit*
[b] *Bold Text Indicates Concentration In Excess of State Standard.*
[c] *Proposed Standard of 6.0 µg/l.*

Quantum Project No. 0013-94-012

Table 3, cont. **Groundwater Sample Results Summary-Deep Recovery Wells**
April 2004 Sampling Event
Nello Teer Quarry, Denfield Street
Durham, North Carolina

PARAMETER	RW-1	RW-2	RW-3	RW-4	RW-8	RW-9	2L LIMITS
Benzene	**6.1** [a]	NS [b]	**64.0**	NS	**15.0**	NS	1.0
Toluene	BDL [c]	NS	BDL	NS	BDL	NS	1000.0
Ethylbenzene	BDL	NS	**47.0**	NS	BDL	NS	29.0
Xylenes (Total)	BDL	NS	107.0	NS	BDL	NS	530.0
Lead	6.1	NS	BDL	NS	BDL	NS	15.0
Acetone	49.0	NS	BDL	NS	BDL	NS	700.0
MTBE	1.6	NS	BDL	NS	BDL	NS	200.0
DIPE	11.0	NS	36.0	NS	11.0	NS	70.0
Isopropylbenzene	BDL	NS	17.0	NS	BDL	NS	70.0
n-Propylbenzene	BDL	NS	22.0	NS	BDL	NS	70.0
Naphthalene	BDL	NS	**110.0**	NS	BDL	NS	21.0/6.0 [d]
Phenanthrene	BDL	NS	BDL	NS	BDL	NS	210.0
1,2,4-Trimethylbenzene	BDL	NS	28.0	NS	BDL	NS	350.0
1-Methylnaphthalene	BDL	NS	**41.0**	NS	BDL	NS	NS [e]
2-Methylnaphthalene	BDL	NS	**40.0**	NS	BDL	NS	14.0
Chloroethane	BDL	NS	BDL	NS	BDL	NS	2800.0
1,1-Dichloroethane	BDL	NS	BDL	NS	BDL	NS	700.0
cis-1,2-Dichloroethene	1.8	NS	BDL	NS	BDL	NS	70.0
Trichloroethene	BDL	NS	BDL	NS	BDL	NS	2.8
1,1,1-Trichloroethane	BDL	NS	BDL	NS	BDL	NS	200.0
Vinyl chloride	BDL	NS	BDL	NS	BDL	NS	0.015
Total CVOCs	1.8	--	--	--	--	--	--

All Values in µg/L.
[a] *Bold Text Indicates Concentration Above State Standard.*
[b] *NS Indicates Well was Not Sampled.*
[c] *BDL Indicates Below Detection Limit.*
[d] *Proposed Standard of 6.0 µg/l.*
[e] *NS Indicates No Standard Exists for this Compound.*
Quantum Project No. 0013-94-012

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

W-1

Constituent	Date				2L Standard
	5/7/93	5/7/93	5/20/93	5/20/93	
Benzene	**16.00**	**38.80**	**34.40**	**11.30**	1.00
Toluene	0.90	1.00	1.80	2.60	1000.00
Ethylbenzene	0.40	1.00	1.00	8.80	29.00
Xylenes	5.10	15.40	17.20	NA	530.00
Naphthalene	NA	NA	2.00	NA	21.00
MTBE	NA	51.60	11.80	BDL	200.00
EDB	NA	NA	BDL	BDL	0.0004
IPE	NA	NA	NA	BDL	70.00
Total PAH	22.40	107.80	68.20	22.70	
1,1-Dichloroethane	NA	0.73	0.73	BDL	700.00
Trichloroethene	NA	**4.70**	**5.04**	BDL	2.80
cis-,1,2-Dichloroethylene	NA	NA	NA	NA	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	5.43	5.77	0.00	
Lead	NA	NA	1.00	NA	15.00

W-2

Constituent	Date	2L Standard
	5/18/93	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	BDL	0.0004
IPE	BDL	70.00
Total PAH	0.00	
1,1-Dichloroethane	BDL	700.00
Trichloroethene	BDL	2.80
cis-,1,2-Dichloroethylene	NA	70.00
Vinyl Chloride	BDL	0.015
Total CVOCs	0.00	
Lead	0.50	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

W-3

Constituent	Date	2L Standard
	5/19/93	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	0.90	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	BDL	0.0004
IPE	BDL	70.00
Total PAH	0.90	
1,1-Dichloroethane	BDL	700.00
Trichloroethene	BDL	2.80
cis-,1,2-Dichloroethylene	NA	70.00
Vinyl Chloride	BDL	0.015
Total CVOCs	0.00	
Lead	0.50	15.00

W-4

Constituent	Date	2L Standard
	5/19/93	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	BDL	0.0004
IPE	BDL	70.00
Total PAH	0.00	
1,1-Dichloroethane	BDL	700.00
Trichloroethene	BDL	2.80
cis-,1,2-Dichloroethylene	NA	70.00
Vinyl Chloride	BDL	0.015
Total CVOCs	0.00	
Lead	BDL	15.00

W-5

Constituent	Date			2L Standard
	5/20/93	5/20/93	5/20/93	
Benzene	BDL	BDL	BDL	1.00
Toluene	0.07	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	NA	530.00
Naphthalene	BDL	2.00	NA	21.00
MTBE	BDL	BDL	BDL	200.00
EDB	BDL	1.00	BDL	0.0004
IPE	BDL	NA	BDL	70.00
Total PAH	0.07	3.00	0.00	
1,1-Dichloroethane	BDL	1.00	BDL	700.00
Trichloroethene	BDL	2.10	BDL	2.80
cis-,1,2-Dichloroethylene	NA	NA	NA	70.00
Vinyl Chloride	BDL	1.00	BDL	0.015
Total CVOCs		4.10	0.00	
Lead	0.20	1.00	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-1

Constituent	Date																2L Standard
	05/20/93	8/29/94	1/26/95	4/27/95	8/29/95	3/14/96	10/11/96	12/2/97	5/13/98	6/17/99	12/10/99	12/7/00	6/4/02	9/12/02	4/15/03	10/17/03	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	1.00
Toluene	0.70	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NA	NA	BDL	BDL	21.00
MTBE	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	NS	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	NS	BDL	BDL	BDL	BDL	70.00
Total VOCs	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	NA	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lead	<0.05	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA	15.00

MW-1, cont.

Constituent	Date	2L Standard
	4/23/04	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	NA	0.0004
IPE	BDL	70.00
Total VOCs		
1,1-Dichloroethane	BDL	700.00
Trichloroethene	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	70.00
Vinyl Chloride	BDL	0.015
Total CVOCs	0.00	
Lead	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

RW-2 (former MW-2)

Constituent	Date										2L Standard
	05/07/93	05/20/93	08/29/94	08/29/99	06/15/00	01/23/01	06/15/01	12/28/01	06/06/02	06/06/02	
Benzene	**575.00**	**353.00**	**95.00**	**6.80**	BDL	**1.60**	NS	BDL	BDL	BDL	1.00
Toluene	**1,160.00**	418.00	19.00	BDL	1.70	BDL	NS	BDL	BDL	BDL	1000.00
Ethylbenzene	**84.40**	BDL	**62.00**	BDL	1.00	2.40	NS	BDL	BDL	BDL	29.00
Xylenes	**1,425.00**	106.00	61.00	BDL	13.00	1.10	NS	BDL	BDL	BDL	530.00
Naphthalene	NA	NA	2.78	BDL	BDL	BDL	NS	NS	NS	BDL	21.00
MTBE	NA	BDL	NA	BDL	BDL	BDL	NS	3.00	BDL	BDL	200.00
EDB	NA	BDL	NA	BDL	BDL	BDL	NS	NS	NS	NA	0.0004
IPE	NA	BDL	NA	BDL	BDL	BDL	NS	NS	BDL	BDL	70.00
Total VOCs	2,200.40	877.00	239.78	6.80	15.70	5.10	NS	3.00	0.00	0.00	
1,1-Dichloroethane	NA	BDL	BDL	BDL	BDL	BDL	NS	NS	BDL	NA	700.00
Trichloroethene	NA	BDL	BDL	BDL	BDL	BDL	NS	NS	BDL	NA	2.80
cis-,1,2-Dichloroethylene	NA	NA	**90.00**	BDL	6.50	2.60	NS	NS	BDL	NA	70.00
Vinyl Chloride	NA	BDL	BDL	BDL	BDL	BDL	NS	NS	BDL	NA	0.015
Total CVOCs	0.00	0.00	90.00	0.00	6.50	2.60					
Lead	<0.05	0.20	NA	NA	NA	NS	NS	NS	NS	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-3

Constituent	Date				2L Standard
	05/21/93	08/29/94	01/26/95	04/27/95	
Benzene	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	BDL	BDL	NA	200.00
EDB	BDL	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	70.00
Total VOCs	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	
Lead	0.056	NA	NA	NA	15.00

MW-4

Constituent	Date	2L Standard
	05/18/93	
Benzene	BDL	1.00
Toluene	0.70	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	BDL	0.0004
IPE	BDL	70.00
Total VOCs	0.00	
1,1-Dichloroethane	BDL	700.00
Trichloroethene	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	70.00
Vinyl Chloride	BDL	0.015
Total CVOCs	0.00	NA
Lead	0.50	15.00

MW-5

Constituent	Date		2L Standard
	05/07/93	05/20/93	
Benzene	BDL	BDL	1.00
Toluene	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	29.00
Xylenes	BDL	BDL	530.00
Naphthalene	NA	BDL	21.00
MTBE	NA	BDL	200.00
EDB	NA	BDL	0.0004
IPE	NA	BDL	70.00
Total VOCs	0.00	0.00	
1,1-Dichloroethane	NA	BDL	700.00
Trichloroethene	NA	BDL	2.80
cis-,1,2-Dichloroethylene	NA	BDL	70.00
Vinyl Chloride	NA	BDL	0.015
Total CVOCs	0.00	0.00	
Lead	NA	0.07	15.00

MW-6

Constituent	Date	2L Standard
	05/21/93	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	BDL	0.0004
IPE	BDL	70.00
Total VOCs	0.00	
1,1-Dichloroethane	BDL	700.00
Trichloroethene	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	70.00
Vinyl Chloride	BDL	0.015
Total CVOCs	0.00	
Lead	0.03	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-7

Constituent	Date																2L Standard
	05/21/93	08/29/94	01/26/95	8/29/95	4/27/95	3/14/96	10/11/96	12/2/97	5/13/98	6/17/99	12/10/99	12/7/00	6/4/02	09/12/02	04/15/03	10/17/03	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	21.00
MTBE	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.1	NA	BDL	BDL	BDL	BDL	200.00
EDB	BDL	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	NA	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.10	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	NA	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	
Lead	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

MW-7, cont.

Constituent	Date	2L Standard
	04/23/04	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	NA	0.0004
IPE	BDL	70.00
Total VOCs	0.00	
1,1-Dichloroethane	BDL	700.00
Trichloroethene	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	70.00
Vinyl Chloride	BDL	0.015
Total CVOCs	0.00	
Lead	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-8

Constituent	Date	2L Standard
	05/19/93	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	BDL	0.0004
IPE	BDL	70.00
Total VOCs	0.00	
1,1-Dichloroethane	BDL	700.00
Trichloroethene	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	70.00
Vinyl Chloride	BDL	0.015
Total CVOCs	0.00	
Lead	<0.05	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-9

Constituent	Date									2L Standard
	9/9/93	8/30/94	1/25/95	4/27/95	6/4/02	9/12/02	4/15/03	10/17/03	4/23/04	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	21.00
MTBE	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	NA	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	1.30	BDL	BDL	NA	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-11

Constituent	Date																2L Standard
	9/9/93	8/30/94	1/26/95	4/27/95	8/29/95	3/13/96	10/9/96	12/3/97	5/13/98	6/17/99	12/10/99	6/4/02	9/12/02	4/15/03	10/17/03	4/23/04	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	21.00
MTBE	BDL	NA	NA	NA	BDL	NA	NA	1.30	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	NA	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	NA	NA	0.00	0.00	
1,1-Dichloroethane	0.60	BDL	BDL	BDL	BDL	2.40	BDL	3.00	2.20	1.00	BDL	BDL	BDL	BDL	4.90	1.20	700.00
Trichloroethene	BDL	BDL	2.50	1.80	BDL	1.60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	22.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.60	0.00	2.50	24.70	0.00	4.00	0.00	3.00	2.20	1.00	0.00	0.00	0.00	0.00	4.90	1.20	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-12

Constituent	Date				2L Standard
	9/9/93	8/30/94	1/26/95	4/27/95	
Benzene	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	NA	NA	NA	200.00
EDB	BDL	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	70.00
Total VOCs	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	
Lead	<0.05	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-13

Constituent	Date																2L Standard
	9/9/93	8/31/94	1/26/95	4/27/95	8/29/95	3/14/96	10/9/96	12/3/97	5/13/98	6/17/99	12/10/99	12/7/00	6/13/01	12/28/01	6/4/02	9/12/02	
Benzene	BDL	3.10	BDL	BDL	1.13	3.40	BDL	1.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	2.83	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	2.63	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	21.00
MTBE	BDL	NA	NA	NA	BDL	BDL	BDL	3.20	2.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	NA	0.0004
IPE	BDL	NA	NA	NA	23.10	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	29.69	3.40	0.00	4.20	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	4.40	6.00	7.90	13.20	2.06	2.40	2.67	11.00	7.90	3.30	6.4	3.7	5.2	4	4.90	2.90	700.00
1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	3.80	BDL	2.70	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	200.00
Trichloroethene	BDL	5.10	BDL	4.10	BDL	2.90	3.02	2.40	BDL	2.40	2.8	BDL	1.30	1.40	1.50	BDL	2.80
1,1-Dichloroethene	BDL	BDL	BDL	2.30	BDL	3.00	BDL	2.50	1.70	1.70	4.2	2.2	3.8	1	BDL	1.50	7.00
cis-,1,2-Dichloroethylene	BDL	3.40	BDL	3.40	2.48	4.10	BDL	BDL	BDL	2.70	2.2	2.3	2.1	2.1	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	1.40	BDL	BDL	1.20	BDL	BDL	BDL	1.20	1.00	BDL	BDL	0.015
Total CVOCs	4.40	14.50	7.90	23.00	57.33	21.00	5.69	18.60	10.80	10.10	17.80	8.20	13.60	9.50	6.40	4.40	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

MW-13, cont.

Constituent	Date			2L Standard
	4/16/03	10/16/03	4/22/04	
Benzene	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	530.00
Naphthalene	NA	BDL	BDL	21.00
MTBE	BDL	BDL	BDL	200.00
EDB	NA	NA	NA	0.0004
IPE	BDL	BDL	4.5	70.00
Total VOCs	0.00	0.00	4.5	
1,1-Dichloroethane	5.90	4.50	3.4	700.00
1,1,1-Trichloroethane	BDL	BDL	BDL	200.00
Trichloroethene	BDL	BDL	BDL	2.80
1,1-Dichloroethene	4.10	1.60	BDL	7.00
cis-,1,2-Dichloroethylene	BDL	1.60	1.4	70.00
Vinyl Chloride	BDL	BDL	BDL	0.015
Total CVOCs	10.00	7.70	4.80	
Lead	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-14s

Constituent	Date									2L Standard
	9/9/93	8/30/94	1/31/95	4/27/95	8/30/95	3/15/96	10/9/96	12/2/97	5/13/98	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	1.17	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	2.10	BDL	BDL	21.00
MTBE	BDL	NA	NA	BDL	**507.00**	BDL	BDL	4.10	2.20	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	70.00
Total VOCs	0.00	0.00	0.00	0.00	507.00	0.00	3.27	4.10	2.20	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	3.27	0.00	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-14i

Constituent	Date												2L Standard
	9/9/93	8/30/94	1/31/95	4/27/95	3/15/96	10/9/96	12/3/97	5/13/98	6/17/99	12/10/99	12/7/00	6/15/01	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	21.00
MTBE	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NS	BDL	200.00
EDB	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NS	BDL	0.0004
IPE	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	NS	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NS	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NS	NS	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-15i

Constituent	Date																2L Standard
	9/9/93	8/31/94	1/26/95	4/27/95	8/30/95	3/15/96	10/9/96	12/2/97	5/13/98	6/17/99	12/10/99	6/7/00	6/15/01	6/4/02	9/12/02	4/15/03	
Benzene	BDL	BDL	BDL	BDL	**2.16**	BDL	BDL	BDL	**1.30**	**4.80**	**2.5**	BDL	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00	BDL	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	2.70	3.40	1.90	BDL	BDL	BDL	BDL	BDL	1.20	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	3.60	9.00	BDL	BDL	BDL	BDL	BDL	BDL	1.90	4.4	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.20	BDL	BDL	BDL	BDL	NA	BDL	BDL	21.00
MTBE	BDL	NA	NA	BDL	44.60	BDL	BDL	12.00	13.00	BDL	6.1	BDL	BDL	BDL	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	5.70	NA	NA	NA	NA	BDL	BDL	NA	BDL	BDL	BDL	BDL	70.00
Total VOCs	BDL	6.30	12.40	1.90	52.46	0.00	0.00	12.00	15.20	8.90	10.50	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	NA	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	NA	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	NA	NA	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	NA	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NS	BDL	NA	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	15.00

MW-15i, cont.

Constituent	Date		2L Standard
	10/17/03	4/23/04	
Benzene	BDL	BDL	1.00
Toluene	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	29.00
Xylenes	BDL	BDL	530.00
Naphthalene	BDL	BDL	21.00
MTBE	BDL	BDL	200.00
EDB	NA	NA	0.0004
IPE	BDL	BDL	70.00
Total VOCs	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	700.00
Trichloroethene	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	0.015
Total CVOCs	0.00	0.00	
Lead	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-15s

Constituent	Date 9/9/93	8/31/94	1/26/95	4/27/95	8/30/95	2L Standard
Benzene	**10.70**	**17.50**	BDL	BDL	BDL	1.00
Toluene	8.80	2.60	BDL	BDL	BDL	1000.00
Ethylbenzene	**76.40**	**147.00**	**43.00**	**56.30**	**77.70**	29.00
Xylenes	NA	430.00	170.00	188.00	205.00	530.00
Naphthalene	13.00	**63.30**	**60.90**	**53.40**	**27.60**	21.00
MTBE	8.30	NA	NA	NA	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	0.0004
IPE	BDL	NA	NA	NA	BDL	70.00
Total VOCs	117.20	660.40	273.90	297.70	310.30	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	
Lead	<0.05	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-16s

Constituent	Date							2L Standard
	9/9/93	8/30/94	1/25/95	4/27/95	3/14/96	10/9/96	5/13/98	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	NA	NA	BDL	BDL	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	NA	NA	NA	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-16i

Constituent	Date										2L Standard
	9/9/93	8/31/94	1/26/95	4/27/95	3/14/96	10/9/96	12/1/97	5/13/98	6/17/99	12/10/99	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	0.0004
IPE	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	1.1	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	1.1	0.00	0.00	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-17

Constituent	Date																2L Standard
	9/9/93	8/30/94	1/31/95	4/27/95	8/29/95	3/13/96	10/9/96	12/2/97	5/13/98	6/17/99	12/10/99	6/7/00	6/15/01	12/28/01	6/4/02	9/12/02	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	21.00
MTBE	BDL	NA	NA	NA	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	NA	NA	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	17.10	BDL	15.50	23.30	23.40	10.40	9.33	7.40	7.20	6.00	7.3	2.6	1.9	1.9	3.90	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.00
cis-,1,2-Dichloroethylene	BDL	BDL	3.80	2.10	2.92	1.30	BDL	BDL	BDL	1.00	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	2.20	38.90	63.00	BDL	23.40	35.30	21.70	BDL	2.60	5.00	5.7	1.70	2.50	2.00	3.20	BDL	0.015
Total CVOCs	19.30	38.90	82.30	25.40	49.72	47.00	31.03	7.40	9.80	12.00	13.00	4.30	4.40	3.90	7.10	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

MW-17, cont.

Constituent	Date			2L Standard
	4/15/03	10/17/03	4/23/04	
Benzene	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	21.00
MTBE	BDL	BDL	BDL	200.00
EDB	NA	NA	NA	0.0004
IPE	BDL	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	
1,1-Dichloroethane	6.20	3.10	2.60	700.00
Trichloroethene	BDL	BDL	BDL	2.80
1,1-Dichloroethene	1.3	BDL	BDL	7.00
cis-,1,2-Dichloroethylene	NA	BDL	BDL	70.00
Vinyl Chloride	1.50	BDL	BDL	0.015
Total CVOCs	9.00	3.10	2.60	
Lead	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-18

Constituent	Date																2L Standard
	9/9/93	8/30/94	1/31/95	4/27/95	8/29/95	3/14/96	10/9/96	12/2/97	5/13/98	6/17/99	12/10/99	6/7/00	6/15/01	1/2/02	6/4/02	9/12/02	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	NA	1.00
Toluene	1.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	NA	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	NA	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	NA	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	21.00
MTBE	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	NA	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	NA	BDL	BDL	NA	NA	BDL	NA	70.00
Total VOCs	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA	NA	BDL	BDL	
1,1-Dichloroethane	48.10	BDL	BDL	97.90	71.30	5.80	10.60	12.00	1.50	BDL	1.40	BDL	2.30	1.90	1.90	BDL	700.00
1,2-Dichloroethane	BDL	BDL	**27.00**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38
1,1-Dichloroethene	BDL	BDL	3.90	BDL	1.93	BDL	BDL	1.70	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	NA	BDL	4.80	1.40	3.73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.40	2.50	BDL	BDL	70.00
Vinyl Chloride	**10.90**	BDL	**50.00**	BDL	**58.90**	**16.30**	**10.90**	**8.10**	**2.30**	BDL	**3.80**	BDL	**4.70**	**1.60**	**2.20**	BDL	0.015
Chloroethane	BDL	BDL	50.00	BDL	59.00	9.50	BDL	1.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2800.00
Total CVOCs	59.00	0.00	135.70	99.30	194.86	31.60	21.50	23.10	3.80	0.00	5.20	0.00	10.40	6.00	4.10	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

MW-18, cont.

Constituent	Date										2L Standard
	2/13/03	9/12/02	2/13/03	3/21/03	4/15/03	5/20/03	7/24/03	10/17/03	1/14/04	4/28/04	
Benzene	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	1.00
Toluene	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	1000.00
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	29.00
Xylenes	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	530.00
Naphthalene	NA	NA	NA	NA	BDL	NA	NA	BDL	NA	BDL	21.00
MTBE	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	200.00
EDB	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0004
IPE	NA	NA	NA	NA	NA	NA	NA	BDL	NA	BDL	70.00
Total VOCs	NA	NA	NA	NA	NA	NA	NA	0.00	NA	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2800.00
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-19

Constituent	Date								2L Standard
	9/9/93	8/30/94	1/31/95	4/27/95	3/14/96	10/9/96	12/2/97	5/13/98	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	NA	NA	NA	NA	NA	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	NA	NA	NA	NA	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-20s

Constituent	Date						2L Standard
	9/9/93	8/30/94	1/25/95	4/27/95	8/30/95	3/14/96	
Benzene	**15.00**	**64.40**	**44.00**	**71.80**	**64.40**	**64.90**	1.00
Toluene	1.80	9.50	6.20	BDL	26.00	2.40	1000.00
Ethylbenzene	BDL	16.38	7.00	14.60	25.30	5.90	29.00
Xylenes	BDL	21.00	16.70	20.60	80.70	17.00	530.00
Naphthalene	BDL	3.84	3.29	4.90	BDL	4.50	21.00
MTBE	7.30	BDL	BDL	BDL	9.69	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	NA	0.0004
IPE	14.20 o	NA	NA	NA	50.00	NA	70.00
Total VOCs	38.30	115.12	77.19	111.90	256.09	94.70	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	
Lead	<0.05	NA	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-20d

Constituent	Date																2L Standard
	9/9/93	8/31/94	1/25/95	4/27/95	8/30/95	3/15/96	10/11/96	12/2/97	5/13/98	6/17/99	12/10/99	12/7/00	6/14/01	1/2/02	6/4/02	9/12/02	
Benzene	15.00	30.00	22.00	29.80	30.30	20.00	21.60	16.00	13.00	12.30	1.80	1.50	BDL	1.80	2.60	2.50	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21.00
MTBE	6.20	NA	NA	NA	BDL	NA	NA	5.70	4.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	NA	0.0004
IPE	14.20	NA	NA	NA	26.60	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	5.30	6.10	70.00
Total VOCs	35.40	30.00	22.00	29.80	56.90	20.00	21.60	26.20	17.30	12.30	1.80	1.50	0.00	1.80	7.90	8.60	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	8.00	BDL	5.20	5.47	4.00	BDL	BDL	BDL	1.10	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	4.30	BDL	1.70	3.20	3.00	BDL	BDL	1.20	2.30	3.20	2.80	0.015
Total CVOCs	0.00	8.00	0.00	5.20	5.47	8.30	0.00	1.70	3.20	4.10	0.00	0.00	1.20	2.30	3.20	2.80	
Lead	<0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

MW-20d, cont.

Constituent	Date			2L Standard
	4/16/03	10/16/03	4/27/04	
Benzene	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	21.00
MTBE	BDL	BDL	BDL	200.00
EDB	NA	NA	NA	0.0004
IPE	BDL	BDL	2.1	70.00
Total VOCs	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	
Lead	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-21

Constituent	Date					2L Standard
	9/9/93	8/30/94	1/26/95	4/27/95	3/15/96	
Benzene	BDL	BDL	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	NA	NA	NA	BDL	200.00
EDB	BDL	NA	NA	NA	NA	0.0004
IPE	BDL	NA	NA	NA	NA	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	
Lead	<0.05	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-22

Constituent	Date												2L Standard
	4/28/94	8/30/94	1/25/95	4/27/95	8/30/95	3/14/96	10/9/96	12/2/97	5/13/98	6/17/99	12/10/99	12/7/00	
Benzene	9.40	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	21.00
MTBE	BDL	NA	NA	NA	BDL	NA	NA	BDL	BDL	BDL	BDL	NS	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	NS	0.0004
IPE	8.00	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	NS	70.00
Total VOCs	17.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
1,1-Dichloroethane	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	700.00
Trichloroethene	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	2.80
cis-,1,2-Dichloroethylene	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	70.00
Vinyl Chloride	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Lead	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-23

Constituent	Date																2L Standard
	4/28/94	8/30/94	1/26/95	4/27/95	8/30/95	3/14/96	10/9/96	12/2/97	5/13/98	6/17/99	12/10/99	12/7/00	6/13/01	12/28/02	6/4/02	9/12/02	
Benzene	21.00	68.40	36.00	67.90	58.90	56.40	69.70	42.00	23.00	37.10	14.3	28	11.6	37	5.30	4.30	1.00
Toluene	BDL	13.00	BDL	14.50	18.60	9.90	4.52	BDL	6.70	7.50	1.9	1.8	1.5	4.6	BDL	BDL	1000.00
Ethylbenzene	BDL	46.50	14.00	40.40	30.70	14.90	11.30	BDL	9.60	19.10	2.3	16.7	BDL	38.9	2.40	BDL	29.00
Xylenes	BDL	100.00	40.00	95.30	77.30	24.70	35.50	41.00	40.00	39.60	18	6.6	BDL	30.6	4.50	BDL	530.00
Naphthalene	BDL	33.70	42.50	42.90	19.10	32.00	11.70	BDL	9.10	12.00	BDL	BDL	BDL	24.70	NA	2.50	6.00
MTBE	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	5.40	BDL	8.8	3.00	NA	7.20	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	NA	NA	0.0004
IPE	15 00	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	9.80	BDL	70.00
Total VOCs	36.00	216.60	132.50	261.00	204.60	137.90	132.72	83.00	93.80	115.30	45.30	47.10	13.00	143.00	22.00	6.80	
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.00
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	280.00
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210.00
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.90	NS
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.00	14.00
1,1-Dichloroethane	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
1,2-Dichloroethane	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.30	BDL	1.00	1.30	BDL	BDL	BDL	0.38
Trichloroethene	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	1.00	1.30	0.00	0.00	0.00	
Lead	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-23, cont.

Constituent	Date			2L Standard
	4/15/03	10/17/03	4/23/04	
Benzene	**15.00**	**8.30**	**11.00**	1.00
Toluene	BDL	BDL	BDL	1000.00
Ethylbenzene	4.60	1.60	3.60	29.00
Xylenes	8.50	3.20	5.90	530.00
Naphthalene	5.00	**7.50**	**9.40**	6.00
MTBE	BDL	BDL	BDL	200.00
EDB	NA	NA	NA	0.0004
IPE	18.00	6.70	7.50	70.00
Total VOCs	51.10	27.30	37.40	
Acenaphthene	1.20	1.60	BDL	80.00
Fluorene	1.80	2.10	BDL	280.00
1,2,4-Trimethylbenzene	NA	NA	1.30	
Isopropylbenzene	NA	NA	7.10	
n-Propylbenzene	NA	NA	9.80	
n-Butylbenzene	NA	NA	1.10	
sec-Butylbenzene	NA	NA	2.60	
Phenanthrene	1.60	1.60	BDL	210.00
1-Methylnaphthalene	1.60	**17.00**	BDL	NS
2-Methylnaphthalene	1.60	BDL	BDL	14.00
1,1-Dichloroethane	BDL	BDL	BDL	700.00
1,2-Dichloroethane	BDL	BDL	BDL	0.38
Trichloroethene	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	NA	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	
Lead	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-24

Constituent	Date										2L Standard
	4/28/94	8/30/94	1/31/95	4/27/95	3/15/96	10/9/96	12/2/97	5/13/98	6/17/99	12/10/99	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.60	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.00	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.80	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	NA	NA	NA	NA	NA	1.20	1.80	BDL	BDL	200.00
EDB	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	0.0004
IPE	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	1.20	15.20	0.00	0.00	
1,1-Dichloroethane	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
Trichloroethene	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70.00
Vinyl Chloride	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	0.00	0.00	0.00	0.00	2.40	0.00	0.00	0.00	
Lead	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-25

Constituent	Date																2L Standard
	8/30/94	1/31/95	4/27/95	8/29/95	3/14/96	10/9/96	12/2/97	5/13/98	6/17/99	12/10/99	6/8/00	12/7/00	6/15/01	12/28/01	6/4/02	9/12/02	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	336.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	530.00
Naphthalene	BDL	BDL	2.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	21.00
MTBE	NA	NA	NA	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	200.00
EDB	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	BDL	NA	0.0004
IPE	NA	NA	NA	BDL	NA	NA	NA	NA	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	70.00
Total VOCs	0.0	0.0	2.2	336.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	NA	0.0	0.0	
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.00
1 1-Dichloroethane	840.0	690.0	632.0	1100.0	262.0	259.0	350.0	240.0	282.0	185.0	110.0	156.0	160.0	200.0	150.00	180.00	700.00
1 2-Dichloroethane	BDL	BDL	BDL	BDL	7.6	BDL	7.5	BDL	1.3	2.0	BDL	3.0	BDL	2.9	1.80	2.40	0.38
1 1-Dichloroethene	BDL	770.0	708.0	1270.0	618.0	501.0	390.0	340.0	204.0	280.0	80.0	282.0	100.0	234.0	120.00	220.00	7.00
Trichloroethene	280.0	125.0	267.0	232.0	152.0	206.0	81.0	BDL	98.0	110.0	64.3	90.0	34.7	77.4	46.00	49.00	2.80
1,1,1-Trichloroethane	BDL	1710.0	2709.0	3920.0	1440.0	2080.0	620.0	1000.0	358.0	725.0	465.0	342.0	365.0	354.0	220.00	270.00	200.00
1,1 2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	3.7	6.6	BDL	BDL	2.2	BDL	2.1	BDL	1.5	1.30	BDL	1.00
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	5.2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2100.00
Tetracholorethene	BDL	BDL	BDL	BDL	BDL	BDL	1.4	BDL	BDL	2.5	BDL	BDL	BDL	BDL	BDL	BDL	0.70
cis-,1,2-Dichloroethylene	330.0	470.0	319.0	429.0	164.0	BDL	BDL	BDL	151.0	32.0	81.5	84.0	BDL	92.5	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	BDL	126.0	85.6	48.9	BDL	30.0	BDL	33.2	13.2	29.7	19.1	29.7	18.00	24.00	0.015
Chloroethane	BDL	BDL	BDL	BDL	BDL	8.7	4.3	BDL	BDL	8.2	BDL	4.4	4.1	3.9	23.00	4.90	2800.00
Carbon Tetrachloride	BDL	BDL	BDL	BDL	192.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.30
1,1,2,2 Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.0	1.0	1.8	BDL	BDL	BDL	BDL	1.00
Total CVOCs	1450:0	3765.0	4635.0	7077.0	2921.2	3107.3	1466.0	1610.0	1094.3	1381.1	815.0	995.0	682.9	995.9	580.1	750.3	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-25 cont.

Constituent	Date									2L Standard
	2/13/03	3/21/03	4/15/03	5/20/03	7/24/03	10/17/03	11/4/03	1/14/04	4/26/04	
Benzene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	1.00
Toluene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	1000.00
Ethylbenzene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	29.00
Xylenes	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	530.00
Naphthalene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	21.00
MTBE	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	200.00
EDB	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0004
IPE	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2-Methylnaphthalene	NA	NA	6.30	BDL	BDL	BDL	BDL	BDL	NA	14.00
1,1-Dichloroethane	150.00	28.00	13.00	110.00	170.00	68.00	64.00	48.00	120.00	700.00
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	1.40	BDL	1.50	0.38
1,1-Dichloroethene	110.00	27.00	15.00	52.00	6.40	BDL	1.90	4.10	10.00	7.00
Trichloroethene	40.00	9.10	3.60	2.40	BDL	1.50	1.60	1.50	2.30	2.80
1,1,1-Trichloroethane	240.00	31.00	13.00	29.00	15.00	4.40	BDL	7.20	21.00	200.00
1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	NA	NA	7.70	140.00
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2100.00
Tetracholorethene	7.70	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.70
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	34.00	BDL	BDL	BDL	2.00	6.90	70.00
Vinyl Chloride	16.00	3.70	1.70	16.00	82.00	5.70	14.00	34.00	65.00	0.015
Chloroethane	15.00	BDL	BDL	BDL	10.00	120.00	120.00	68.00	100.00	2800.00
Chloroform			BDL	BDL	BDL	1.00	BDL	BDL	BDL	0.19
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.30
1,1,2,2 Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Total CVOCs	578.70	98.80	46.30	243.40	283.40	200.60	202.90	164.80	334.40	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-25i

Constituent	Date									2L Standard
	02/13/03	03/21/03	04/15/03	05/20/03	07/24/03	10/17/03	11/04/03	01/14/04	04/26/04	
Benzene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	1.00
Toluene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	1000.00
Ethylbenzene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	29.00
Xylenes	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	530.00
Naphthalene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	21.00
MTBE	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	200.00
EDB	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0004
IPE	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2-Methylnaphthalene	NA	NA	4.20	NA	NA	BDL	NA	NA	BDL	14.00
1-Methylnaphthalene	NA	NA	BDL	NA	NA	1.50	NA	NA	BDL	NS
1,1-Dichloroethane	74.00	28.00	17.00	120.00	170.00	41.00	39.00	70.00	92.00	700.00
1,2-Dichloroethane	1.00	BDL	BDL	BDL	BDL	BDL	1.40	BDL	BDL	0.38
1,1-Dichloroethene	93.00	35.00	16.00	50.00	3.90	BDL	1.70	3.80	BDL	7.00
cis-1,2-Dichloroethene		14.00		30.00	1.20		BDL	2.10	BDL	70.00
4-Chlorotoluene	NA	NA	NA	NA	NA	NA	NA	NA	6.60	NS
Trichloroethene	28.00	9.10	BDL	BDL	BDL	1.30	1.10	2.00	BDL	2.80
1,1,1-Trichloroethane	130.00	27.00	BDL	30.00	10.00	4.40	BDL	8.10	7.00	200.00
1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2100.00
Tetracholorethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.70
Vinyl Chloride	11.00	3.60	2.80	31.00	89.00	9.80	13.00	72.00	48.00	0.015
Chloroethane	BDL	BDL	BDL	BDL	12.00	130.00	110.00	130.00	110.00	2800.00
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.30
1,1,2,2 Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00
Total CVOCs	337.00	116.70	35.80	261.00	286.10	186.50	166.20	288.00	263.60	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	12.00	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-26

Constituent	Date																2L Standard
	8/29/94	1/26/95	4/27/95	8/29/95	3/13/96	10/9/96	12/2/97	5/13/98	6/17/99	12/10/99	6/7/00	12/7/00	6/15/01	1/2/02	6/4/02	9/12/02	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NA	NA	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NA	NA	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NA	NA	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NA	NA	BDL	BDL	530.00
Naphthalene	BDL	42.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	NA	NA	NA	BDL	21.00
MTBE	NA	NA	NA	BDL	NA	NA	BDL	BDL	BDL	BDL	BDL	NS	NA	NA	BDL	BDL	200.00
EDB	NA	NA	NA	BDL	NA	NA	BDL	NA	BDL	BDL	BDL	NS	NA	NA	NA	NA	0.0004
IPE	NA	NA	NA	BDL	NA	NA	BDL	NA	BDL	BDL	BDL	NS	NA	NA	BDL	BDL	70.00
Total VOCs	0.0	42.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		NA	NA	0.00	0.00	
1,1-Dichloroethane	BDL	100.0	109.0	85.4	BDL	54.3	13.0	5.6	3.6	2.4	BDL	NS	1.0	1.8	2.00	2.80	700.00
1,1-Dichloroethene	BDL	BDL	8.1	10.7	13.6	7.2	5.2	3.6	4.2	5.1	BDL	NS	BDL	BDL	1.20	1.80	7.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	4.9	5.8	8.3	BDL	BDL	BDL	5.8	5.8	BDL	NS	BDL	2.7	BDL	BDL	70.00
Vinyl Chloride	29.5	BDL	BDL	44.8	56.6	20.1	12.0	6.9	7.0	6.0	BDL	NS	BDL	BDL	BDL	BDL	0.015
Total CVOCs	29.5	100.0	122.0	146.7	78.5	81.6	30.2	16.1	20.6	19.3	0.0		1.0	4.5	3.2	4.6	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS	NA	NA	15.00

MW-26, cont.

Constituent	Date			2L Standard
	4/15/03	10/17/03	4/26/04	
Benzene	BDL	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	21.00
MTBE	BDL	BDL	BDL	200.00
EDB	NA	NA	NA	0.0004
IPE	BDL	BDL	BDL	70.00
Total VOCs	0.00	0.00	0.00	
1,1-Dichloroethane	1.00	2.80	2.00	700.00
1,1-Dichloroethene	BDL	1.00	1.00	7.00
Trichloroethene	BDL	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	2.00	2.60	70.00
Vinyl Chloride	BDL	BDL	BDL	0.015
Total CVOCs	1.00	5.80	5.60	
Lead	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-27

Constituent	Date		2L Standard
	9/9/93	8/29/94	
Benzene	BDL	BDL	1.00
Toluene	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	29.00
Xylenes	BDL	BDL	530.00
Naphthalene	BDL	BDL	21.00
MTBE	BDL	NA	200.00
EDB	BDL	NA	0.0004
IPE	BDL	NA	70.00
Total PAH	0.00	NA	
1,1-Dichloroethane	BDL	BDL	700.00
Trichloroethene	BDL	BDL	2.80
cis-,1,2-Dichloroethylene	BDL	BDL	70.00
Vinyl Chloride	BDL	BDL	0.015
Total CVOCs	0.00	0.00	
Lead	0.05	NA	15.00

MW-28D

Constituent	Date				2L Standard
	09/12/02	04/16/03	10/16/03	04/27/04	
Benzene	BDL	BDL	BDL	BDL	1.00
Toluene	5.30	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	BDL	BDL	BDL	200.00
EDB	NA	NA	NA	NA	0.0004
IPE	BDL	BDL	BDL	1.10	70.00
Total VOCs	5.30	0.00	0.00	1.10	
2-Chlorotoluene	NA	NA	NA	1.60	
1,1-Dichloroethane	9.70	25.00	9.90	24.00	700.00
1,1-Dichloroethene	5.50	**20.00**	4.00	**8.70**	7.00
Trichloroethene	1.30	**3.30**	BDL	1.60	2.80
1,1,1-Trichloroethane	BDL	4.90	BDL	BDL	200.00
cis-,1,2-Dichloroethylene	BDL	BDL	BDL	4.50	70.00
Vinyl Chloride	BDL	**1.50**	**1.20**	**1.90**	0.015
Total CVOCs	16.50	54.70	15.10	42.30	
Lead	NA	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-29

Constituent	Date									2L Standard
	02/13/03	03/21/03	04/15/03	05/20/03	07/24/03	10/17/03	11/04/03	01/14/04	04/26/04	
Benzene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	1.00
Toluene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	1000.00
Ethylbenzene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	29.00
Xylenes	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	530.00
Naphthalene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	21.00
MTBE	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	200.00
EDB	NA	NA	NA	NA	NA	NA	NA	NA	BDL	0.0004
IPE	BDL	BDL	BDL	NA	NA	BDL	NA	NA	BDL	70.00
Total VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	
Acenaphthene	NA	NA	1.9	NA	NA	BDL	NA	NA	BDL	80.00
Fluorene	NA	NA	2.0	NA	NA	BDL	NA	NA	BDL	280.00
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.0	BDL	50.00
1-Methylnaphthene	NA	NA	16.0	NA	NA	BDL	NA	NA	BDL	NS
Phenanthrene	NA	NA	1.2	NA	NA	BDL	NA	NA	BDL	210.00
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.00	700.00
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.00	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 4. Summary of Monitoring Well Analytical Results, in ug/l
Nello Teer Quarry
Durham County

MW-29i

Constituent	Date									2L Standard
	02/13/03	03/21/03	04/15/03	05/20/03	07/24/03	10/17/03	11/04/03	01/14/04	04/28/04	
Benzene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	1.00
Toluene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	1000.00
Ethylbenzene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	29.00
Xylenes	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	530.00
Naphthalene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	21.00
MTBE	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	200.00
EDB	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0004
IPE	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	70.00
Total VOCs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Acenaphthene	BDL	BDL	BDL	NA	NA	BDL	NA	NA	BDL	80.00
Fluorene	NA	NA	1.00	NA	NA	BDL	NA	NA	BDL	280.00
1-Methylnaphthene	NA	NA	BDL	NA	NA	1.90	NA	NA	BDL	NS
Phenanthrene	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	210.00
Chloroethane	BDL	BDL	BDL	BDL	3.90	25.00	20.00	9.90	20.00	2800.00
Chloroform	BDL	BDL	BDL	BDL	BDL	1.00	BDL	BDL	BDL	0.19
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	NA	NA	15.00	140.00
1,1-Dichloroethane	6.10	9.70	6.00	13.00	50.00	47.00	70.00	66.00	69.00	700.00
1,1-Dichloroethene	**12.00**	BDL	**7.70**	**18.00**	**10.00**	3.10	6.40	6.70	**10.00**	7.00
cis-1,2-Dichloroethene	BDL	BDL	BDL	10.00	4.10	2.80	3.20	3.50	7.60	70.00
Trichloroethene	**4.40**	**5.70**	**3.40**	2.30	2.40	2.00	2.10	2.20	**5.60**	2.80
1,1,1-Trichloroethane	3.20	3.20	BDL	3.40	6.20	3.70	BDL	21.00	37.00	200.00
Vinyl Chloride	**2.00**	**1.40**	BDL	**2.50**	**41.00**	**26.00**	**39.00**	**41.00**	**34.00**	0.015
Total CVOCs	27.70	20.00	17.10	49.20	117.60	110.60	140.70	150.30	198.20	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	BDL	15.00

BDL Indicates Below Detection Limit.
NA Indicates Not Analyzed.
NS Indicates Not Sampled.
Bold Indicates Concentration Above State 2L Standard.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-1

Constituent	Date												2L Standard
	8/29/99	2/25/00	6/14/00	9/8/00	12/7/00	6/15/01	12/28/01	6/6/02	9/13/02	4/15/03	10/20/03	4/27/04	
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.00	700.00
Benzene	**6.80**	BDL	**1.20**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**5.50**	**6.10**	1.00
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	29.00
Xylenes	BDL	BDL	1.10	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	BDL	BDL	1.80	BDL	BDL	1.70	BDL	BDL	BDL	BDL	1.60	200.00
EDB	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	0.0004
IPE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.50	11.00	70.00
Total VOCs	6.80	0.00	2.30	1.80	0.00	0.00	1.70	0.00	0.00	0.00	15.00	67.70	
1,1-Dichloroethane	BDL	7.40	BDL	2.90	12.50	5.10	6.20	BDL	3.40	5.30	BDL	BDL	700.00
1,1 Dichloroethene	BDL	BDL	1.50	1.60	5.40	1.30	2.40	1.70	2.00	1.30	BDL	BDL	7.00
1,2 Dichloroethane	BDL	BDL	**3.00**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38
Trichloroethene	BDL	2.20	BDL	**3.20**	**3.60**	**4.80**	**6.00**	**3.50**	**4.00**	2.40	2.00	BDL	2.80
1,1,1 Trichloroethane	BDL	3.40	BDL	1.00	2.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL	200.00
cis-,1,2-Dichloroethylene	BDL	2.20	1.80	3.10	3.30	8.40	10.80	NA	NA	NA	2.20	1.80	70.00
Chloroethane	BDL	BDL	**2.90**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2800.00
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	**2.80**	**2.60**	BDL	BDL	**1.10**	BDL	BDL	0.015
Total CVOCs	0.00	15.20	9.20	11.80	27.60	24.90	28.00	5.20	9.40	10.10	4.20	1.80	
1-Methylnaphthalene	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	MDL
2-Methylnaphthalene	BDL	NA	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	28.00
Phenanthrene	BDL	NA	NA	NA	NA	NA	NA	NA	BDL	BDL	BDL	BDL	210.00
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.10	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-2 (formerly MW-2)

Constituent	Date												2L Standard
	5/7/93	5/20/93	8/29/94	8/29/99	6/14/00	1/23/01	10/26/01	6/6/02	9/13/02	4/16/03	Oct-03	Apr-04	
Benzene	**575.00**	**353.00**	**95.00**	BDL	BDL	**1.60**	BDL	BDL	BDL	BDL	NS	NS	1.00
Toluene	**1160.00**	418.00	19.00	BDL	1.70	BDL	BDL	BDL	BDL	BDL	NS	NS	1000.00
Ethylbenzene	**84.40**	BDL	**62.00**	BDL	1.00	2.40	BDL	BDL	BDL	BDL	NS	NS	29.00
Xylenes	**1425.00**	106.00	61.00	BDL	13.00	1.10	BDL	BDL	BDL	BDL	NS	NS	530.00
Naphthalene	NA	NA	2.78	BDL	BDL	BDL	NA	NA	BDL	BDL	NS	NS	21.00
MTBE	NA	BDL	NA	BDL	BDL	BDL	3.00	BDL	BDL	BDL	NS	NS	200.00
EDB	NA	BDL	NA	BDL	BDL	BDL	BDL	NA	NA	NA	NS	NS	0.0004
IPE	NA	BDL	NA	BDL	BDL	BDL	BDL	BDL	BDL	9.80	NS	NS	70.00
Total VOCs	3244.40	877.00	239.80	0.00	15.70	5.10	3.00	0.00	0.00	9.80	NS	NS	
1,1-Dichloroethane	NA	BDL	BDL	BDL	BDL	BDL	NA	BDL	NA	BDL	NS	NS	700.00
1,1 Dichloroethene	NA	NA	NA	BDL	BDL	BDL	NA	BDL	NA	BDL	NS	NS	7.00
Trichloroethene	NA	BDL	BDL	BDL	BDL	BDL	NA	BDL	NA	BDL	NS	NS	2.80
1,1,1 Trichloroethane	NA	NA	NA	BDL	BDL	BDL	NA	BDL	NA	BDL	NS	NS	200.00
cis-,1,2-Dichloroethene	NA	NA	**90.00**	BDL	6.50	2.60	NA	NA	NA	NA	NS	NS	70.00
Chloroethane	NA	NA	NA	BDL	BDL	BDL	NA	BDL	NA	BDL	NS	NS	2800.00
Vinyl Chloride	NA	BDL	BDL	BDL	BDL	BDL	NA	BDL	NA	BDL	NS	NS	0.015
Total CVOCs	0.00	0.00	90.00	0.00	6.50	3.80	NA	0.00	NA	0.00	NS	NS	
1-Methylnaphthalene	NA	NA	NA	BDL	BDL	BDL	NA	NA	NA	BDL	NS	NS	MDL
Phenanthrene	NA	NA	NA	BDL	BDL	BDL	NA	NA	BDL	BDL	NS	NS	210.00
Lead	<0.05	0.20	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-3

Constituent	Date											2L Standard
	8/29/99	2/25/00	6/14/00	12/7/00	6/15/01	12/28/01	6/4/02	9/12/02	4/15/03	10/20/03	4/26/04	
Benzene	**25.50**	BDL	**7.60**	**9.70**	**16.80**	**10.30**	**13.00**	BDL	BDL	**64.00**	**64.00**	1.00
Toluene	21.50	BDL	3.60	2.90	11.00	2.60	5.90	BDL	BDL	56.00	BDL	1000.00
Ethylbenzene	22.50	BDL	3.30	1.80	19.30	6.10	11.00	BDL	BDL	**64.00**	**47.00**	29.00
Xylenes	270.00	BDL	16.40	13.20	45.20	6.30	20.80	BDL	BDL	137.00	107.00	530.00
Naphthalene	11.00	BDL	8.00	7.00	BDL	**27.40**	NA	6.50	**21.00**	**130.00**	**110.00**	21.00
MTBE	11.50	BDL	BDL	BDL	NS	7.10	BDL	BDL	BDL	BDL	BDL	200.00
EDB	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	0.0004
IPE	BDL	BDL	BDL	BDL	BDL	NS	12.00	BDL	BDL	38.00	36.00	70.00
Total VOCs	362.00	0.00	38.90	34.60	92.30	59.80	62.70	6.50	21.00	489.00	364.00	
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.00	70.00
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.00	
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.00	70.00
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700.00
1,1 Dichloroethene	BDL	BDL	1.60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.00
Trichloroethene	BDL	BDL	1.00	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
1,1,1 Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	200.00
cis-,1,2-Dichloroethylene	BDL	BDL	2.70	BDL	1.40	BDL	NA	BDL	BDL	BDL	BDL	70.00
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2800.00
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**22.00**	BDL	0.19
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015
Total CVOCs	0.00	0.00	5.30	0.00	1.40	BDL	0.00	0.00	0.00	22.00	0.00	
Acenaphthene	BDL	NA	NA	BDL	BDL	BDL	NA	BDL	11.00	BDL	BDL	80.00
1-Methylnaphthalene	**44.00**	NA	NA	BDL	BDL	BDL	NA	**43.00**	**23.00**	**110.00**	**41.00**	NS
2-Methylnaphthalene	**38.00**	NA	NA	BDL	BDL	BDL	NA	9.90	BDL	**87.00**	**40.00**	28.00
Benzo (a) anthracene	NA	NA	NA	BDL	BDL	BDL	NA	BDL	BDL	**4.50**	BDL	0.0479
Phenanthrene	12.00	NA	NA	24.00	2.60	BDL	NA	24.00	33.00	**270.00**	BDL	210.00
Floranthene	NA	NA	NA	BDL	BDL	BDL	NA	BDL	BDL	23.00	BDL	280.00
Fluorene	NA	NA	NA	BDL	BDL	BDL	NA	12.00	15.00	BDL	BDL	280.00
Pyrene	NA	NA	NA	BDL	BDL	BDL	NA	4.40	BDL	54.00	BDL	210.00
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-4

Constituent	Date												2L Standard
	8/29/99	3/8/00	5/3/00	6/14/00	12/7/00	6/15/01	12/28/01	6/6/02	9/12/02	4/15/03	10/1/03	4/1/04	
Benzene	BDL	BDL	**5.00**	**1.80**	**3.10**	BDL	BDL	**1.10**	BDL	NS	NS	NS	1.00
Toluene	BDL	BDL	3.00	3.00	BDL	BDL	BDL	BDL	BDL	NS	NS	NS	1000.00
Ethylbenzene	BDL	BDL	4.00	4.00	BDL	BDL	BDL	BDL	BDL	NS	NS	NS	29.00
Xylenes	BDL	BDL	2.00	2.00	BDL	BDL	BDL	BDL	BDL	NS	NS	NS	530.00
Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NA	NA	NS	NS	NS	21.00
MTBE	BDL	BDL	5.00	NA	2.20	NA	1.20	BDL	BDL	NS	NS	NS	200.00
EDB	BDL	BDL	NA	BDL	BDL	BDL	BDL	NA	NA	NS	NS	NS	0.0004
IPE	BDL	BDL	NA	NA	NA	NA	NA	BDL	BDL	NS	NS	NS	70.00
Total VOCs	0.00	0.00	19.00	10.80	5.30	0.00	1.20	1.10	0.00	NS	NS	NS	
1,1-Dichloroethane	BDL	BDL	NA	BDL	BDL	BDL	BDL	BDL	4.00	NN	NS	NS	700.00
1,1 Dichloroethene	BDL	BDL	NA	1.70	BDL	BDL	BDL	BDL	BDL	NS	NS	NS	7.00
Trichloroethene	BDL	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	NS	NS	NS	2.80
1,1,1 Trichloroethane	BDL	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	NS	NS	NS	200.00
cis-,1,2-Dichloroethylene	BDL	BDL	NA	2.80	3.10	BDL	BDL	NA	NA	NS	NS	NS	70.00
Chloroethane	BDL	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	NS	NS	NS	2800.00
Vinyl Chloride	BDL	BDL	NA	**2.00**	**1.20**	BDL	BDL	BDL	BDL	NS	NS	NS	0.015
Total CVOCs	0.00	0.00	NA	6.50	4.30	0.00	0.00	0.00	4.00	NS	NS	NS	
1-Methylnaphthalene	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS	NS
2-Methylnaphthalene	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS	28.00
Phenanthrene	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS	210.00
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-5

Constituent	Date															2L Standard
	8/29/99	2/25/00	6/14/00	12/7/00	6/15/01	12/27/01	6/4/02	9/12/02	2/13/03	3/21/03	4/15/03	5/20/03	7/24/03	10/17/03	1/14/04	
Benzene	BDL	BDL	BDL	NS	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	1.00
Toluene	BDL	BDL	BDL	NS	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	1000.00
Ethylbenzene	BDL	BDL	BDL	NS	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	29.00
Xylenes	BDL	BDL	BDL	NS	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	530.00
Naphthalene	BDL	BDL	BDL	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	21.00
MTBE	BDL	BDL	BDL	NS	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	200.00
EDB	BDL	BDL	BDL	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	0.0004
IPE	BDL	BDL	BDL	NS	NA	NA	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	70.00
Total VOCs	0.0	0.0	0.0	NS	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1,1-Dichloroethane	202.0	118.5	50.0	NS	100.0	98.2	96.0	150.0	46.0	21.0	12.0	42.0	54.0	26.0	42.0	700.00
1,2-Dichloroethane	BDL	BDL	BDL	NS	BDL	BDL	**1.0**	**1.6**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.38
1,1 Dichloroethene	**260.0**	BDL	**170.0**	NS	**62.0**	**88.8**	**85.0**	**170.0**	**49.0**	**16.0**	**9.0**	**21.0**	2.9	BDL	3.7	7.00
Trichloroethene	**67.2**	BDL	**65.6**	NS	**34.4**	**40.9**	**38.0**	**39.0**	**16.0**	**7.2**	**4.2**	1.9	BDL	BDL	1.9	2.80
1,1,1 Trichloroethane	**518.0**	BDL	**265.0**	NS	198.0	**250.0**	**220.0**	**250.0**	77.0	23.0	BDL	15.0	5.7	2.6	7.1	200.00
cis-,1,2-Dichloroethylene	**93.6**	63.4	**72.4**	NS	48.2	53.4	NA	NA	NA	NA	NA	15.0	1.5	BDL	1.9	70.00
1,1,2,2-Tetrachloroethane	BDL	BDL	**1.4**	NS	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	MDL
1,1,2-Trichloroethane	BDL	BDL	**1.6**	NS	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	MDL
Chloroform	BDL	BDL	BDL	NS	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.0**	BDL	0.19
Chloroethane	7.0	5.0	6.0	NS	4.4	1.4	2.4	4.4	BDL	BDL	BDL	BDL	2.6	23.0	54.0	2800.00
Vinyl Chloride	**30.7**	**20.0**	**24.6**	NS	**12.6**	**4.7**	BDL	**27.0**	**7.6**	**2.7**	**1.5**	**7.7**	**22.0**	**4.5**	**29.0**	0.015
Total CVOCs	1178.5	206.9	656.6	0.0	459.6	537.4	442.4	642.0	195.6	69.9	26.7	102.6	88.7	57.1	139.6	
1-Methylnaphthalene	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	BDL	NA	NS
2-Methylnaphthalene	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	BDL	NA	NA	BDL	NA	28.00
Phenanthrene	BDL	NA	NA	NA	NA	NA	NA	BDL	NA	NA	BDL	NA	NA	BDL	NA	210.00
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-5, cont.

Constituent	Date	2L Standard
	4/27/04	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	BDL	21.00
MTBE	BDL	200.00
EDB	NA	0.0004
IPE	BDL	70.00
Total VOCs	0.00	
2-Chlorotoluene	6.00	140.00
1,1-Dichloroethane	72.00	700.00
1,2-Dichloroethane	BDL	0.38
1,1 Dichloroethene	3.70	7.00
Trichloroethene	1.80	2.80
1,1,1 Trichloroethane	9.00	200.00
cis-,1,2-Dichloroethylene	2.60	70.00
1,1,2,2-Tetrachloroethane	BDL	MDL
1,1,2-Trichloroethane	BDL	MDL
Chloroform	BDL	0.19
Chloroethane	25.00	2800.00
Vinyl Chloride	**19.00**	0.015
Total CVOCs	139.10	
1-Methylnaphthalene	NA	NS
2-Methylnaphthalene	NA	28.00
Phenanthrene	NA	210.00
Lead	6.60	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-6

Constituent	Date									2L Standard
	10/4/99	12/17/99	6/14/00	12/7/00	6/15/01	12/29/01	4/15/03	10/17/03	4/27/04	
Benzene	BDL	**2.20**	BDL	BDL	NA	NA	NA	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	530.00
Naphthalene	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	21.00
MTBE	BDL	2.10	BDL	BDL	NA	NA	NA	BDL	BDL	200.00
EDB	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	0.0004
IPE	BDL	BDL	BDL	BDL	NA	NA	NA	BDL	BDL	70.00
Total VOCs	0.00	4.30	0.00	0.00	NA	NA	NA	0.00	0.00	
Fluorene	BDL	5.00	BDL	NA	NA	NA	NA	BDL	NA	280.00
Phenanthrene	BDL	4.00	BDL	NA	NA	NA	NA	BDL	NA	210.00
1,1-Dichloroethane	14.70	7.80	5.80	5.00	2.10	4.10	49.00	15.00	43.00	700.00
1,1 Dichloroethene	**26.80**	4.90	**8.60**	1.90	1.40	4.80	**28.00**	**12.00**	**38.00**	7.00
Trichloroethene	**10.90**	**3.20**	BDL	1.80	1.10	**3.20**	**13.00**	**6.50**	**17.00**	2.80
1,1,1 Trichloroethane	53.20	4.00	15.50	7.20	4.90	17.50	66.00	21.00	89.00	200.00
cis-,1,2-Dichloroethene	6.80	6.80	BDL	BDL	BDL	1.80	BDL	3.90	12.00	70.00
Chloroethane	BDL	BDL	**5.20**	BDL	BDL	BDL	BDL	BDL	1.50	MDL
Vinyl Chloride	**3.10**	BDL	**1.90**	BDL	BDL	BDL	**9.10**	**2.60**	**5.80**	0.015
Total CVOCs	115.50	26.70	37.00	15.90	9.50	31.40	165.10	61.00	206.30	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	BDL	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-7

Constituent	Date												2L Standard
	10/4/99	6/14/00	6/23/00	7/6/00	12/7/00	6/15/01	12/28/01	6/6/02	9/12/02	4/15/03	10/17/03	4/27/04	
Benzene	BDL	BDL	BDL	**9.50**	BDL	NA	NA	BDL	NA	NA	BDL	BDL	1.00
Toluene	BDL	BDL	BDL	4.00	BDL	NA	NA	BDL	NA	NA	BDL	BDL	1000.00
Ethylbenzene	BDL	BDL	BDL	1.40	BDL	NA	NA	BDL	NA	NA	BDL	BDL	29.00
Xylenes	BDL	BDL	BDL	10.60	BDL	NA	NA	BDL	NA	NA	BDL	BDL	530.00
Naphthalene	BDL	BDL	**144.00**	BDL	BDL	NA	NA	NA	BDL	BDL	BDL	BDL	21.00
MTBE	BDL	BDL	BDL	2.80	BDL	NA	NA	BDL	NA	NA	BDL	BDL	200.00
EDB	BDL	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	0.0004
IPE	BDL	BDL	BDL	BDL	BDL	NA	NA	BDL	NA	NA	BDL	BDL	70.00
Total VOCs	0.00	0.00	224.00	28.30	0.00	NA	NA	0.00	NA	NA	0.00	0.00	
1,1-Dichloroethane	10.00	1.70	BDL	2.40	BDL	BDL	1.70	1.50	3.10	24.00	6.20	4.60	700.00
1,1 Dichloroethene	1.60	1.90	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.50	BDL	BDL	7.00
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.80
1,1,1 Trichloroethane	BDL	BDL	BDL	2.60	BDL	BDL	1.70	BDL	BDL	BDL	BDL	BDL	200.00
cis-,1,2-Dichloroethylene	3.80	1.90	BDL	2.20	BDL	BDL	1.20	NA	BDL	BDL	BDL	1.10	70.00
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.00**	BDL	0.19
Chloroethane	BDL	BDL	BDL	**1.60**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	MDL
Vinyl Chloride	**6.00**	**3.90**	BDL	BDL	BDL	**1.00**	BDL	BDL	BDL	**4.10**	BDL	BDL	0.02
Total CVOCs	21.40	9.40	0.00	8.80	0.00	1.00	4.60	1.50	3.10	32.60	7.20	5.70	
Lead	NA	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	7.60	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-8

Constituent	Date									2L Standard
	6/14/00	12/7/00	6/15/00	12/28/01	6/4/02	9/12/02	4/15/03	10/20/03	4/26/04	
Benzene	**10.10**	BDL	BDL	NS	BDL	BDL	**15.00**	**16.00**	**15.00**	1.00
Toluene	1.20	BDL	BDL	NS	BDL	BDL	BDL	BDL	BDL	1000.00
Ethylbenzene	3.10	BDL	BDL	NS	13.00	BDL	2.00	7.90	BDL	29.00
Xylenes	4.90	BDL	BDL	NS	BDL	BDL	7.60	10.00	BDL	530.00
Naphthalene	BDL	BDL	BDL	NS	NA	BDL	2.90	**55.00**	BDL	21.00
MTBE	BDL	2.50	BDL	NS	BDL	BDL	BDL	BDL	BDL	200.00
EDB	BDL	BDL	BDL	NS	NA	NA	NA	NA	NA	0.0004
IPE	BDL	BDL	BDL	NS	BDL	8.80	24.00	BDL	11.00	70.00
Total VOCs	19.30	2.50	0.00	NS	13.00	8.80	51.50	88.90	26.00	
Acenaphthene	BDL	BDL	BDL	NS	BDL	BDL	2.20	4.20	BDL	80.00
Acenaphthylene	BDL	BDL	BDL	NS	BDL	BDL	BDL	1.30	BDL	210.00
1-Methylnaphthalene	BDL	BDL	BDL	NS	BDL	BDL	8.90	**41.00**	BDL	NS
2-Methylnaphthalene	BDL	BDL	BDL	NS	BDL	BDL	3.30	**34.00**	BDL	14.00
Fluorene	BDL	BDL	BDL	NS	BDL	BDL	2.60	6.20	BDL	280.00
Phenanthrene	BDL	BDL	BDL	NS	BDL	BDL	2.30	9.60	BDL	210.00
Pyrene	BDL	BDL	BDL	NS	BDL	NA	BDL	1.90	BDL	210.00
1,1-Dichloroethane	BDL	BDL	BDL	NS	BDL	NA	BDL	BDL	BDL	700.00
1,1 Dichloroethene	BDL	BDL	BDL	NS	BDL	NA	BDL	BDL	BDL	7.00
Trichloroethene	BDL	BDL	BDL	NS	BDL	NA	BDL	BDL	BDL	2.80
1,1,1 Trichloroethane	BDL	BDL	BDL	NS	BDL	NA	BDL	BDL	BDL	200.00
cis-,1,2-Dichloroethene	BDL	BDL	BDL	NS	NA	NA	BDL	BDL	BDL	70.00
Chloroethane	BDL	BDL	BDL	NS	BDL	NA	BDL	BDL	BDL	MDL
Chloroform	BDL	BDL	BDL	NS	BDL	NA	BDL	**22.00**	BDL	0.19
Vinyl Chloride	BDL	BDL	BDL	NS	BDL	NA	BDL	BDL	BDL	0.02
Total CVOCs	0.00	0.00	0.00	NS	0.00	0.00	0.00	22.00	0.00	
Lead	NA	NA	NA	NS	NA	NA	NA	NA	BDL	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-9

Constituent	Date											2L Standard
	5/19/00	6/14/00	9/8/00	12/7/00	6/15/01	12/27/01	6/6/02	9/12/02	4/15/03	10/17/03	4/27/04	
Benzene	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	NS	1.00
Toluene	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	NS	1000.00
Ethylbenzene	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	NS	29.00
Xylenes	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	NS	530.00
Naphthalene	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	BDL	NS	21.00
MTBE	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	NS	200.00
EDB	BDL	BDL	BDL	BDL	NA	NA	NA	NA	NA	NA	NS	0.0004
IPE	BDL	BDL	BDL	BDL	NA	NA	BDL	BDL	BDL	BDL	NS	70.00
Total VOCs	0.00	0.00	0.00	0.00	NA	NA	0.00	0.00	0.00	0.00	NS	
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	BDL	**1.10**	BDL	NS	NS
1,1-Dichloroethane	84.50	75.60	33.00	84.20	78.60	180.00	130.00	120.00	56.00	91.00	NS	700.00
1,1 Dichloroethene	**75.10**	**64.20**	**38.50**	**83.40**	**78.60**	**102.00**	**71.00**	**81.00**	**39.00**	BDL	NS	7.00
Trichloroethene	**16.00**	**15.00**	**4.60**	**17.50**	**21.70**	**26.00**	**13.00**	**12.00**	**1.80**	BDL	NS	2.80
1,1,1 Trichloroethane	50.60	40.20	16.30	37.60	38.90	65.00	31.00	27.00	BDL	2.60	NS	200.00
cis-,1,2-Dichloroethylene	26.80	23.70	11.00	28.00	21.70	42.00	NA	NA	NA	BDL	NS	70.00
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	55.00	NS	2800.00
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**1.00**	NS	0.19
Vinyl Chloride	**8.50**	**9.30**	**1.30**	**15.10**	**14.20**	**12.00**	**8.40**	**8.20**	**4.80**	BDL	NS	0.02
Total CVOCs	261.50	228.00	104.70	265.80	253.70	427.00	253.40	248.20	101.60	149.60	NS	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	15.00

All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Table 5: Nello Teer Recovery Well Sampling Results Summary

RW-10

Constituent	Date	2L Standard
	4/26/04	
Benzene	BDL	1.00
Toluene	BDL	1000.00
Ethylbenzene	BDL	29.00
Xylenes	BDL	530.00
Naphthalene	**72.00**	21.00
MTBE	BDL	200.00
EDB	BDL	0.0004
IPE	BDL	70.00
Total VOCs	72.00	
Acenaphthene	BDL	80.00
Acenaphthylene	BDL	210.00
1-Methylnaphthalene	**15.00**	NS
2-Methylnaphthalene	BDL	14.00
Fluorene	BDL	280.00
Phenanthrene	BDL	210.00
Pyrene	BDL	210.00
1,1-Dichloroethane	BDL	700.00
1,1 Dichloroethene	BDL	7.00
Trichloroethene	BDL	2.80
1,1,1 Trichloroethane	BDL	200.00
cis-,1,2-Dichloroethene	BDL	70.00
Chloroethane	BDL	MDL
Chloroform	BDL	0.19
Vinyl Chloride	BDL	0.02
Total CVOCs	0.00	
Lead	13.00	15.00

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All Results in ug/l.
NA Indicates Not Analyzed.
BDL Indicates Below Detection Limit.
Bold Indicates Concentration Above State 2L Standard.
NS Indicates Well Not Sampled.

Appendix A

Appendix A

Laboratory Analytical Results
and
Chain of Custody

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-5

Collected By : Davis
Collection Date : 04/22/04 13:30

ESC Sample # : L152734-01

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	6.6	5.0	ug/l	6010B	04/29/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/30/04	1
Acrolein	BDL	50.	ug/l	6210D	04/30/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/30/04	1
Benzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/30/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroethane	25.	1.0	ug/l	6210D	04/30/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/30/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
2-Chlorotoluene	6.0	1.0	ug/l	6210D	04/30/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/30/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/30/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethane	72.	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethene	3.7	1.0	ug/l	6210D	04/30/04	1
cis-1,2-Dichloroethene	2.6	1.0	ug/l	6210D	04/30/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/30/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - E-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

ESC Sample # : L152734-01

Site ID :

Project # : 0013-94-012

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-5

Collected By : Davis
Collection Date : 04/22/04 13:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/30/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/30/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/30/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/30/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/30/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/30/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/30/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Styrene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Toluene	BDL	5.0	ug/l	6210D	04/30/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1-Trichloroethane	9.0	1.0	ug/l	6210D	04/30/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Trichloroethene	1.8	1.0	ug/l	6210D	04/30/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Vinyl chloride	19.	1.0	ug/l	6210D	04/30/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/30/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/30/04	1
Surrogate Recovery						
Toluene-d8	98.		% Rec.	6210D	04/30/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/30/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/30/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-6

Collected By : Davis
Collection Date : 04/22/04 14:45

ESC Sample # : L152734-02

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/29/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/30/04	1
Acrolein	BDL	50.	ug/l	6210D	04/30/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/30/04	1
Benzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/30/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroethane	1.5	1.0	ug/l	6210D	04/30/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/30/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/30/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/30/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethane	43.	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethene	38.	1.0	ug/l	6210D	04/30/04	1
cis-1,2-Dichloroethene	12.	1.0	ug/l	6210D	04/30/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/30/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-6

Collected By : Davis
Collection Date : 04/22/04 14:45

ESC Sample # : L152734-02

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/30/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/30/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/30/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/30/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/30/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/30/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/30/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Styrene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Toluene	BDL	5.0	ug/l	6210D	04/30/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1-Trichloroethane	89.	1.0	ug/l	6210D	04/30/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Trichloroethene	17.	1.0	ug/l	6210D	04/30/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Vinyl chloride	5.8	1.0	ug/l	6210D	04/30/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/30/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/30/04	1
Surrogate Recovery						
Toluene-d8	98.		% Rec.	6210D	04/30/04	1
Dibromofluoromethane	110		% Rec.	6210D	04/30/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/30/04	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

ESC Sample # : L152734-03

Site ID :

Project # : 0013-94-012

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-7

Collected By : Davis
Collection Date : 04/22/04 14:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	7.6	5.0	ug/l	6010B	04/29/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/30/04	1
Acrolein	BDL	50.	ug/l	6210D	04/30/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/30/04	1
Benzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/30/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/30/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/30/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/30/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethane	4.6	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
cis-1,2-Dichloroethene	1.1	1.0	ug/l	6210D	04/30/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/30/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-7

Collected By : Davis
Collection Date : 04/22/04 14:55

ESC Sample # : L152734-03

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/30/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/30/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/30/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/30/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/30/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/30/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/30/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Styrene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Toluene	BDL	5.0	ug/l	6210D	04/30/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/30/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/30/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/30/04	1
Surrogate Recovery						
Toluene-d8	99.		% Rec.	6210D	04/30/04	1
Dibromofluoromethane	110		% Rec.	6210D	04/30/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/30/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

ESC Sample # : L152734-04

Site ID :

Project # : 0013-94-012

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-28D

Collected By : Davis
Collection Date : 04/22/04 13:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/29/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/30/04	1
Acrolein	BDL	50.	ug/l	6210D	04/30/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/30/04	1
Benzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/30/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/30/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
2-Chlorotoluene	1.6	1.0	ug/l	6210D	04/30/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/30/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/30/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethane	24.	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethene	8.7	1.0	ug/l	6210D	04/30/04	1
cis-1,2-Dichloroethene	4.5	1.0	ug/l	6210D	04/30/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
Di-isopropyl ether	1.1	1.0	ug/l	6210D	04/30/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

ESC Sample # : L152734-04

Site ID :

Project # : 0013-94-012

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-28D

Collected By : Davis
Collection Date : 04/22/04 13:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/30/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/30/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/30/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/30/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/30/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/30/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/30/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Styrene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Toluene	BDL	5.0	ug/l	6210D	04/30/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Trichloroethene	1.6	1.0	ug/l	6210D	04/30/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Vinyl chloride	1.9	1.0	ug/l	6210D	04/30/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/30/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/30/04	1
Surrogate Recovery						
Toluene-d8	99.		% Rec.	6210D	04/30/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/30/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/30/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/29/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/29/04	1
Anthracene	BDL	10.	ug/l	625	04/29/04	1
Benzidine	BDL	50.	ug/l	625	04/29/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/29/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/29/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-28D

Collected By : Davis
Collection Date : 04/22/04 13:55

ESC Sample # : L152734-04

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/29/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/29/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/29/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/29/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/29/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/29/04	1
Chrysene	BDL	10.	ug/l	625	04/29/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/29/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/29/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/29/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/29/04	1
Fluoranthene	BDL	10.	ug/l	625	04/29/04	1
Fluorene	BDL	10.	ug/l	625	04/29/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/29/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/29/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/29/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/29/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/29/04	1
Isophorone	BDL	10.	ug/l	625	04/29/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/29/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/29/04	1
Naphthalene	BDL	10.	ug/l	625	04/29/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/29/04	1
Phenanthrene	BDL	10.	ug/l	625	04/29/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/29/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Pyrene	BDL	10.	ug/l	625	04/29/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/29/04	1
Acid Extractables						

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

ESC Sample # : L152734-04

Site ID :

Project # : 0013-94-012

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-28D

Collected By : Davis
Collection Date : 04/22/04 13:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/29/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/29/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/29/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/29/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/29/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/29/04	1
Phenol	BDL	10.	ug/l	625	04/29/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/29/04	1
Surrogate Recovery						
Nitrobenzene-d5	33.		% Rec.	625	04/29/04	1
2-Fluorobiphenyl	32.		% Rec.	625	04/29/04	1
p-Terphenyl-d14	67.		% Rec.	625	04/29/04	1
Phenol-d5	19.		% Rec.	625	04/29/04	1
2-Fluorophenol	26.		% Rec.	625	04/29/04	1
2,4,6-Tribromophenol	64.		% Rec.	625	04/29/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-1

Collected By : Davis
Collection Date : 04/22/04 11:10

ESC Sample # : L152734-05

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	6.1	5.0	ug/l	6010B	04/29/04	1
Volatile Organics						
Acetone	49.	25.	ug/l	6210D	05/05/04	1
Acrolein	BDL	50.	ug/l	6210D	05/05/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	05/05/04	1
Benzene	6.1	1.0	ug/l	6210D	05/05/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	05/05/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	05/05/04	1
Bromoform	BDL	1.0	ug/l	6210D	05/05/04	1
Bromomethane	BDL	1.0	ug/l	6210D	05/05/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	05/05/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	05/05/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	05/05/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	05/05/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	05/05/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	05/05/04	1
Chloroethane	BDL	1.0	ug/l	6210D	05/05/04	1
Chloroform	BDL	5.0	ug/l	6210D	05/05/04	1
Chloromethane	BDL	1.0	ug/l	6210D	05/05/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	05/05/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	05/05/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	05/05/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	05/05/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	05/05/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	05/05/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	05/05/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	05/05/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	05/05/04	1
1,1-Dichloroethane	BDL	1.0	ug/l	6210D	05/05/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	05/05/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	05/05/04	1
cis-1,2-Dichloroethene	1.8	1.0	ug/l	6210D	05/05/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	05/05/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	05/05/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	05/05/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	05/05/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	05/05/04	1
Di-isopropyl ether	11.	1.0	ug/l	6210D	05/05/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-1

Collected By : Davis
Collection Date : 04/22/04 11:10

ESC Sample # : L152734-05

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	05/05/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	05/05/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	05/05/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	05/05/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	05/05/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	05/05/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	05/05/04	1
Methyl tert-butyl ether	1.6	1.0	ug/l	6210D	05/05/04	1
Naphthalene	BDL	5.0	ug/l	6210D	05/05/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	05/05/04	1
Styrene	BDL	1.0	ug/l	6210D	05/05/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	05/05/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	05/05/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	05/05/04	1
Toluene	BDL	5.0	ug/l	6210D	05/05/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	05/05/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	05/05/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	05/05/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	05/05/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	05/05/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	05/05/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	05/05/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	05/05/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	05/05/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	05/05/04	1
o-Xylene	BDL	1.0	ug/l	6210D	05/05/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	05/05/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	05/05/04	1
Dibromofluoromethane	100		% Rec.	6210D	05/05/04	1
4-Bromofluorobenzene	97.		% Rec.	6210D	05/05/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/29/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/29/04	1
Anthracene	BDL	10.	ug/l	625	04/29/04	1
Benzidine	BDL	50.	ug/l	625	04/29/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/29/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/29/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-1

Collected By : Davis
Collection Date : 04/22/04 11:10

ESC Sample # : L152734-05

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/29/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/29/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/29/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/29/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/29/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/29/04	1
Chrysene	BDL	10.	ug/l	625	04/29/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/29/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/29/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/29/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/29/04	1
Fluoranthene	BDL	10.	ug/l	625	04/29/04	1
Fluorene	BDL	10.	ug/l	625	04/29/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/29/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/29/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/29/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/29/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/29/04	1
Isophorone	BDL	10.	ug/l	625	04/29/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/29/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/29/04	1
Naphthalene	BDL	10.	ug/l	625	04/29/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/29/04	1
Phenanthrene	BDL	10.	ug/l	625	04/29/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/29/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Pyrene	BDL	10.	ug/l	625	04/29/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/29/04	1
Acid Extractables						

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : RW-1

Collected By : Davis
Collection Date : 04/22/04 11:10

ESC Sample # : L152734-05

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/29/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/29/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/29/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/29/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/29/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/29/04	1
Phenol	BDL	10.	ug/l	625	04/29/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/29/04	1
Surrogate Recovery						
Nitrobenzene-d5	47.		% Rec.	625	04/29/04	1
2-Fluorobiphenyl	46.		% Rec.	625	04/29/04	1
p-Terphenyl-d14	67.		% Rec.	625	04/29/04	1
Phenol-d5	24.		% Rec.	625	04/29/04	1
2-Fluorophenol	33.		% Rec.	625	04/29/04	1
2,4,6-Tribromophenol	70.		% Rec.	625	04/29/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
The reported analytical results relate only to the sample submitted.
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Reported: 05/05/04 16:36 Printed: 05/05/04 16:37

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-20D

Collected By : Davis
Collection Date : 04/22/04 11:30

ESC Sample # : L152734-06

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/29/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/30/04	1
Acrolein	BDL	50.	ug/l	6210D	04/30/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/30/04	1
Benzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/30/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/30/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/30/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/30/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
Di-isopropyl ether	2.1	1.0	ug/l	6210D	04/30/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-20D

Collected By : Davis
Collection Date : 04/22/04 11:30

ESC Sample # : L152734-06

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/30/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/30/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/30/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/30/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/30/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/30/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/30/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Styrene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Toluene	BDL	5.0	ug/l	6210D	04/30/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/30/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/30/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/30/04	1
Surrogate Recovery						
Toluene-d8	98.		% Rec.	6210D	04/30/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/30/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/30/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/29/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/29/04	1
Anthracene	BDL	10.	ug/l	625	04/29/04	1
Benzidine	BDL	50.	ug/l	625	04/29/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/29/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/29/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-20D

Collected By : Davis
Collection Date : 04/22/04 11:30

ESC Sample # : L152734-06

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/29/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/29/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/29/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/29/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/29/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/29/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/29/04	1
Chrysene	BDL	10.	ug/l	625	04/29/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/29/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/29/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/29/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/29/04	1
Fluoranthene	BDL	10.	ug/l	625	04/29/04	1
Fluorene	BDL	10.	ug/l	625	04/29/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/29/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/29/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/29/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/29/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/29/04	1
Isophorone	BDL	10.	ug/l	625	04/29/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/29/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/29/04	1
Naphthalene	BDL	10.	ug/l	625	04/29/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/29/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/29/04	1
Phenanthrene	BDL	10.	ug/l	625	04/29/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/29/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/29/04	1
Pyrene	BDL	10.	ug/l	625	04/29/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/29/04	1
Acid Extractables						

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-20D

Collected By : Davis
Collection Date : 04/22/04 11:30

ESC Sample # : L152734-06

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/29/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/29/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/29/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/29/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/29/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/29/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/29/04	1
Phenol	BDL	10.	ug/l	625	04/29/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/29/04	1
Surrogate Recovery						
Nitrobenzene-d5	30.		% Rec.	625	04/29/04	1
2-Fluorobiphenyl	29.		% Rec.	625	04/29/04	1
p-Terphenyl-d14	61.		% Rec.	625	04/29/04	1
Phenol-d5	18.		% Rec.	625	04/29/04	1
2-Fluorophenol	25.		% Rec.	625	04/29/04	1
2,4,6-Tribromophenol	62.		% Rec.	625	04/29/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Reported: 05/05/04 16:36 Printed: 05/05/04 16:37

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-13

Collected By : Davis
Collection Date : 04/22/04 15:23

ESC Sample # : L152734-07

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/29/04	1
Volatile Organics						
Acetone	76.	25.	ug/l	6210D	04/30/04	1
Acrolein	BDL	50.	ug/l	6210D	04/30/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/30/04	1
Benzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/30/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/30/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/30/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/30/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/30/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethane	3.4	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
cis-1,2-Dichloroethene	1.4	1.0	ug/l	6210D	04/30/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
Di-isopropyl ether	4.5	1.0	ug/l	6210D	04/30/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 05,2004

Date Received : April 28, 2004
Description : Nello Teer

Sample ID : MW-13

Collected By : Davis
Collection Date : 04/22/04 15:23

ESC Sample # : L152734-07

Site ID :

Project # : 0013-94-012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/30/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/30/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/30/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/30/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/30/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/30/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/30/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Styrene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Toluene	BDL	5.0	ug/l	6210D	04/30/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/30/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/30/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/30/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/30/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/30/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/30/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/30/04	1
Surrogate Recovery						
Toluene-d8	99.		% Rec.	6210D	04/30/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/30/04	1
4-Bromofluorobenzene	94.		% Rec.	6210D	04/30/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L152734-01	Bromodichloromethane	J4
	Chloroform	J4
	1,1-Dichloroethane	E
	1,2,3-Trichlorobenzene	J3
L152734-02	Bromodichloromethane	J4
	Chloroform	J4
	1,2,3-Trichlorobenzene	J3
	1,1,1-Trichloroethane	E
L152734-03	Bromodichloromethane	J4
	Chloroform	J4
	1,2,3-Trichlorobenzene	J3
L152734-04	Bromodichloromethane	J4
	Chloroform	J4
	1,2,3-Trichlorobenzene	J3
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
	2-Fluorophenol	J2
L152734-05	Acetone	J4
	Bromodichloromethane	J4
	Hexachlorobutadiene	J4
	Naphthalene	J4
	1,2,3-Trichlorobenzene	J4J3
	1,1,2-Trichloroethane	J4
	Trichlorofluoromethane	J4
	Vinyl chloride	J4
L152734-06	Bromodichloromethane	J4
	Chloroform	J4
	1,2,3-Trichlorobenzene	J3
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
	2-Fluorophenol	J2
L152734-07	Acetone	J4J3
	Chloromethane	J4
	Dibromomethane	J4
	Dichlorodifluoromethane	J4J5
	2-Butanone (MEK)	J3
	Trichlorofluoromethane	J4
	Vinyl chloride	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits						
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126	83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129	72-126

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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Quantum Environmental Inc.
Mr. Tom Davis
6001 Chapel Hill Road, Suite 108

Raleigh, NC 27607

Quality Assurance Report
Level II

L152734

May 05, 2004

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Lead	< .005	mg/l	04/29/04 00:45	WG154070
1,2,4-Trichlorobenzene	< .01	ppm	04/29/04 10:26	WG154129
1-Methylnaphthalene	< .01	ppm	04/29/04 10:26	WG154129
2,4,6-Trichlorophenol	< .01	ppm	04/29/04 10:26	WG154129
2,4-Dichlorophenol	< .01	ppm	04/29/04 10:26	WG154129
2,4-Dimethylphenol	< .01	ppm	04/29/04 10:26	WG154129
2,4-Dinitrophenol	< .01	ppm	04/29/04 10:26	WG154129
2,4-Dinitrotoluene	< .01	ppm	04/29/04 10:26	WG154129
2,6-Dinitrotoluene	< .01	ppm	04/29/04 10:26	WG154129
2-Chloronaphthalene	< .01	ppm	04/29/04 10:26	WG154129
2-Chlorophenol	< .01	ppm	04/29/04 10:26	WG154129
2-Methylnaphthalene	< .01	ppm	04/29/04 10:26	WG154129
2-Nitrophenol	< .01	ppm	04/29/04 10:26	WG154129
3,3-Dichlorobenzidine	< .01	ppm	04/29/04 10:26	WG154129
4,6-Dinitro-2-methylphenol	< .01	ppm	04/29/04 10:26	WG154129
4-Bromophenyl-phenylether	< .01	ppm	04/29/04 10:26	WG154129
4-Chloro-3-methylphenol	< .01	ppm	04/29/04 10:26	WG154129
4-Chlorophenyl-phenylether	< .01	ppm	04/29/04 10:26	WG154129
4-Nitrophenol	< .01	ppm	04/29/04 10:26	WG154129
Acenaphthene	< .01	ppm	04/29/04 10:26	WG154129
Acenaphthylene	< .01	ppm	04/29/04 10:26	WG154129
Anthracene	< .01	ppm	04/29/04 10:26	WG154129
Benzidine	< .01	ppm	04/29/04 10:26	WG154129
Benzo(a)anthracene	< .01	ppm	04/29/04 10:26	WG154129
Benzo(a)pyrene	< .01	ppm	04/29/04 10:26	WG154129
Benzo(b)fluoranthene	< .01	ppm	04/29/04 10:26	WG154129
Benzo(g,h,i)perylene	< .01	ppm	04/29/04 10:26	WG154129
Benzo(k)fluoranthene	< .01	ppm	04/29/04 10:26	WG154129
Benzylbutyl phthalate	< .01	ppm	04/29/04 10:26	WG154129
Bis(2-chlorethoxy)methane	< .01	ppm	04/29/04 10:26	WG154129
Bis(2-chloroethyl)ether	< .01	ppm	04/29/04 10:26	WG154129
Bis(2-chloroisopropyl)ether	< .01	ppm	04/29/04 10:26	WG154129
Bis(2-ethylhexyl)phthalate	< .01	ppm	04/29/04 10:26	WG154129
Chrysene	< .01	ppm	04/29/04 10:26	WG154129
Di-n-butyl phthalate	< .01	ppm	04/29/04 10:26	WG154129
Di-n-octyl phthalate	< .01	ppm	04/29/04 10:26	WG154129
Dibenz(a,h)anthracene	< .01	ppm	04/29/04 10:26	WG154129
Diethyl phthalate	< .01	ppm	04/29/04 10:26	WG154129
Dimethyl phthalate	< .01	ppm	04/29/04 10:26	WG154129
Fluoranthene	< .01	ppm	04/29/04 10:26	WG154129
Fluorene	< .01	ppm	04/29/04 10:26	WG154129
Hexachloro-1,3-butadiene	< .01	ppm	04/29/04 10:26	WG154129
Hexachlorobenzene	< .01	ppm	04/29/04 10:26	WG154129
Hexachlorocyclopentadiene	< .01	ppm	04/29/04 10:26	WG154129
Hexachloroethane	< .01	ppm	04/29/04 10:26	WG154129
Indeno(1,2,3-cd)pyrene	< .01	ppm	04/29/04 10:26	WG154129
Isophorone	< .01	ppm	04/29/04 10:26	WG154129
n-Nitrosodi-n-propylamine	< .01	ppm	04/29/04 10:26	WG154129
n-Nitrosodimethylamine	< .01	ppm	04/29/04 10:26	WG154129
n-Nitrosodiphenylamine	< .01	ppm	04/29/04 10:26	WG154129
Naphthalene	< .01	ppm	04/29/04 10:26	WG154129
Nitrobenzene	< .01	ppm	04/29/04 10:26	WG154129
Pentachlorophenol	< .01	ppm	04/29/04 10:26	WG154129
Phenanthrene	< .01	ppm	04/29/04 10:26	WG154129
Phenol	< .01	ppm	04/29/04 10:26	WG154129
Pyrene	< .01	ppm	04/29/04 10:26	WG154129
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,1,1-Trichloroethane	< .001	mg/l	04/30/04 03:35	WG154322

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Quality Assurance Report
Level II

L152734

May 05, 2004

1,1,2,2-Tetrachloroethane	< .001	mg/l	04/30/04 03:35	WG154322

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
1,1,2-Trichloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,1-Dichloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,1-Dichloroethene	< .001	mg/l	04/30/04 03:35	WG154322
1,1-Dichloropropene	< .001	mg/l	04/30/04 03:35	WG154322
1,2,3-Trichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,2,3-Trichloropropane	< .001	mg/l	04/30/04 03:35	WG154322
1,2,4-Trichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,2,4-Trimethylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/30/04 03:35	WG154322
1,2-Dibromoethane	< .001	mg/l	04/30/04 03:35	WG154322
1,2-Dichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,2-Dichloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,2-Dichloropropane	< .001	mg/l	04/30/04 03:35	WG154322
1,3,5-Trimethylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,3-Dichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,3-Dichloropropane	< .001	mg/l	04/30/04 03:35	WG154322
1,4-Dichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
2,2-Dichloropropane	< .001	mg/l	04/30/04 03:35	WG154322
2-Butanone (MEK)	< .01	mg/l	04/30/04 03:35	WG154322
2-Chlorotoluene	< .001	mg/l	04/30/04 03:35	WG154322
4-Chlorotoluene	< .001	mg/l	04/30/04 03:35	WG154322
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/30/04 03:35	WG154322
Acetone	< .025	mg/l	04/30/04 03:35	WG154322
Acrolein	< .05	mg/l	04/30/04 03:35	WG154322
Acrylonitrile	< .01	mg/l	04/30/04 03:35	WG154322
Benzene	< .001	mg/l	04/30/04 03:35	WG154322
Bromobenzene	< .001	mg/l	04/30/04 03:35	WG154322
Bromodichloromethane	< .001	mg/l	04/30/04 03:35	WG154322
Bromoform	< .001	mg/l	04/30/04 03:35	WG154322
Bromomethane	< .001	mg/l	04/30/04 03:35	WG154322
Carbon tetrachloride	< .001	mg/l	04/30/04 03:35	WG154322
Chlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
Chlorodibromomethane	< .001	mg/l	04/30/04 03:35	WG154322
Chloroethane	< .001	mg/l	04/30/04 03:35	WG154322
Chloroform	< .005	mg/l	04/30/04 03:35	WG154322
Chloromethane	< .001	mg/l	04/30/04 03:35	WG154322
cis-1,2-Dichloroethene	< .001	mg/l	04/30/04 03:35	WG154322
Di-isopropyl ether	< .001	mg/l	04/30/04 03:35	WG154322
Dibromomethane	< .001	mg/l	04/30/04 03:35	WG154322
Dichlorodifluoromethane	< .001	mg/l	04/30/04 03:35	WG154322
Ethylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
Hexachlorobutadiene	< .001	mg/l	04/30/04 03:35	WG154322
Isopropylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
m&p-Xylenes	< .002	mg/l	04/30/04 03:35	WG154322
Methyl tert-butyl ether	< .001	mg/l	04/30/04 03:35	WG154322
Methylene Chloride	< .005	mg/l	04/30/04 03:35	WG154322
n-Butylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
n-Propylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
Naphthalene	< .005	mg/l	04/30/04 03:35	WG154322
o-Xylene	< .001	mg/l	04/30/04 03:35	WG154322
p-Isopropyltoluene	< .001	mg/l	04/30/04 03:35	WG154322
sec-Butylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
Styrene	< .001	mg/l	04/30/04 03:35	WG154322
tert-Butylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
Tetrachloroethene	< .001	mg/l	04/30/04 03:35	WG154322
Toluene	< .005	mg/l	04/30/04 03:35	WG154322
trans-1,2-Dichloroethene	< .001	mg/l	04/30/04 03:35	WG154322
Trichloroethene	< .001	mg/l	04/30/04 03:35	WG154322
Trichlorofluoromethane	< .001	mg/l	04/30/04 03:35	WG154322

ENVIRONMENTAL
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Tax I.D. 62-0814289

Est. 1970

Quantum Environmental Inc.
Mr. Tom Davis
6001 Chapel Hill Road, Suite 108

Raleigh, NC 27607

Quality Assurance Report
Level II

L152734

May 05, 2004

Vinyl chloride	< .001	mg/l	04/30/04 03:35	WG154322

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/30/04 10:55	WG154424
1,1,1-Trichloroethane	< .001	mg/l	04/30/04 10:55	WG154424
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/30/04 10:55	WG154424
1,1,2-Trichloroethane	< .001	mg/l	04/30/04 10:55	WG154424
1,1-Dichloroethane	< .001	mg/l	04/30/04 10:55	WG154424
1,1-Dichloroethene	< .001	mg/l	04/30/04 10:55	WG154424
1,1-Dichloropropene	< .001	mg/l	04/30/04 10:55	WG154424
1,2,3-Trichlorobenzene	< .001	mg/l	04/30/04 10:55	WG154424
1,2,3-Trichloropropane	< .001	mg/l	04/30/04 10:55	WG154424
1,2,4-Trichlorobenzene	< .001	mg/l	04/30/04 10:55	WG154424
1,2,4-Trimethylbenzene	< .001	mg/l	04/30/04 10:55	WG154424
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/30/04 10:55	WG154424
1,2-Dibromoethane	< .001	mg/l	04/30/04 10:55	WG154424
1,2-Dichlorobenzene	< .001	mg/l	04/30/04 10:55	WG154424
1,2-Dichloroethane	< .001	mg/l	04/30/04 10:55	WG154424
1,2-Dichloropropane	< .001	mg/l	04/30/04 10:55	WG154424
1,3,5-Trimethylbenzene	< .001	mg/l	04/30/04 10:55	WG154424
1,3-Dichlorobenzene	< .001	mg/l	04/30/04 10:55	WG154424
1,3-Dichloropropane	< .001	mg/l	04/30/04 10:55	WG154424
1,4-Dichlorobenzene	< .001	mg/l	04/30/04 10:55	WG154424
2,2-Dichloropropane	< .001	mg/l	04/30/04 10:55	WG154424
2-Butanone (MEK)	< .01	mg/l	04/30/04 10:55	WG154424
2-Chlorotoluene	< .001	mg/l	04/30/04 10:55	WG154424
4-Chlorotoluene	< .001	mg/l	04/30/04 10:55	WG154424
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/30/04 10:55	WG154424
Acetone	< .025	mg/l	04/30/04 10:55	WG154424
Acrolein	< .001	mg/l	04/30/04 10:55	WG154424
Acrylonitrile	< .01	mg/l	04/30/04 10:55	WG154424
Benzene	< .001	mg/l	04/30/04 10:55	WG154424
Bromobenzene	< .001	mg/l	04/30/04 10:55	WG154424
Bromodichloromethane	< .001	mg/l	04/30/04 10:55	WG154424
Bromoform	< .001	mg/l	04/30/04 10:55	WG154424
Bromomethane	< .001	mg/l	04/30/04 10:55	WG154424
Carbon tetrachloride	< .001	mg/l	04/30/04 10:55	WG154424
Chlorobenzene	< .001	mg/l	04/30/04 10:55	WG154424
Chlorodibromomethane	< .001	mg/l	04/30/04 10:55	WG154424
Chloroethane	< .001	mg/l	04/30/04 10:55	WG154424
Chloroform	< .005	mg/l	04/30/04 10:55	WG154424
Chloromethane	< .001	mg/l	04/30/04 10:55	WG154424
cis-1,2-Dichloroethene	< .001	mg/l	04/30/04 10:55	WG154424
Di-isopropyl ether	< .001	mg/l	04/30/04 10:55	WG154424
Dibromomethane	< .001	mg/l	04/30/04 10:55	WG154424
Dichlorodifluoromethane	< .001	mg/l	04/30/04 10:55	WG154424
Ethylbenzene	< .001	mg/l	04/30/04 10:55	WG154424
Hexachlorobutadiene	< .001	mg/l	04/30/04 10:55	WG154424
Isopropylbenzene	< .001	mg/l	04/30/04 10:55	WG154424
m&p-Xylenes	< .002	mg/l	04/30/04 10:55	WG154424
Methyl tert-butyl ether	< .001	mg/l	04/30/04 10:55	WG154424
Methylene Chloride	< .005	mg/l	04/30/04 10:55	WG154424
n-Butylbenzene	< .001	mg/l	04/30/04 10:55	WG154424
n-Propylbenzene	< .001	mg/l	04/30/04 10:55	WG154424
Naphthalene	< .005	mg/l	04/30/04 10:55	WG154424
o-Xylene	< .001	mg/l	04/30/04 10:55	WG154424
p-Isopropyltoluene	< .001	mg/l	04/30/04 10:55	WG154424
sec-Butylbenzene	< .001	mg/l	04/30/04 10:55	WG154424
Styrene	< .001	mg/l	04/30/04 10:55	WG154424
tert-Butylbenzene	< .001	mg/l	04/30/04 10:55	WG154424
Tetrachloroethene	< .001	mg/l	04/30/04 10:55	WG154424
Toluene	< .005	mg/l	04/30/04 10:55	WG154424

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Quality Assurance Report
Level II

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May 05, 2004

trans-1,2-Dichloroethene	< .001	mg/l	04/30/04 10:55	WG154424

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Trichloroethene	< .001	mg/l	04/30/04 10:55	WG154424
Trichlorofluoromethane	< .001	mg/l	04/30/04 10:55	WG154424
Vinyl chloride	< .001	mg/l	04/30/04 10:55	WG154424
1,1,1,2-Tetrachloroethane	< .001	mg/l	05/04/04 22:36	WG154923
1,1,1-Trichloroethane	< .001	mg/l	05/04/04 22:36	WG154923
1,1,2,2-Tetrachloroethane	< .001	mg/l	05/04/04 22:36	WG154923
1,1,2-Trichloroethane	< .001	mg/l	05/04/04 22:36	WG154923
1,1-Dichloroethane	< .001	mg/l	05/04/04 22:36	WG154923
1,1-Dichloroethene	< .001	mg/l	05/04/04 22:36	WG154923
1,1-Dichloropropene	< .001	mg/l	05/04/04 22:36	WG154923
1,2,3-Trichlorobenzene	< .001	mg/l	05/04/04 22:36	WG154923
1,2,3-Trichloropropane	< .001	mg/l	05/04/04 22:36	WG154923
1,2,4-Trichlorobenzene	< .001	mg/l	05/04/04 22:36	WG154923
1,2,4-Trimethylbenzene	< .001	mg/l	05/04/04 22:36	WG154923
1,2-Dibromo-3-Chloropropane	< .002	mg/l	05/04/04 22:36	WG154923
1,2-Dibromoethane	< .001	mg/l	05/04/04 22:36	WG154923
1,2-Dichlorobenzene	< .001	mg/l	05/04/04 22:36	WG154923
1,2-Dichloroethane	< .001	mg/l	05/04/04 22:36	WG154923
1,2-Dichloropropane	< .001	mg/l	05/04/04 22:36	WG154923
1,3,5-Trimethylbenzene	< .001	mg/l	05/04/04 22:36	WG154923
1,3-Dichlorobenzene	< .001	mg/l	05/04/04 22:36	WG154923
1,3-Dichloropropane	< .001	mg/l	05/04/04 22:36	WG154923
1,4-Dichlorobenzene	< .001	mg/l	05/04/04 22:36	WG154923
2,2-Dichloropropane	< .001	mg/l	05/04/04 22:36	WG154923
2-Butanone (MEK)	< .01	mg/l	05/04/04 22:36	WG154923
2-Chlorotoluene	< .001	mg/l	05/04/04 22:36	WG154923
4-Chlorotoluene	< .001	mg/l	05/04/04 22:36	WG154923
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	05/04/04 22:36	WG154923
Acetone	< .025	mg/l	05/04/04 22:36	WG154923
Acrolein	< .001	mg/l	05/04/04 22:36	WG154923
Acrylonitrile	< .01	mg/l	05/04/04 22:36	WG154923
Benzene	< .001	mg/l	05/04/04 22:36	WG154923
Bromobenzene	< .001	mg/l	05/04/04 22:36	WG154923
Bromodichloromethane	< .001	mg/l	05/04/04 22:36	WG154923
Bromoform	< .001	mg/l	05/04/04 22:36	WG154923
Bromomethane	< .001	mg/l	05/04/04 22:36	WG154923
Carbon tetrachloride	< .001	mg/l	05/04/04 22:36	WG154923
Chlorobenzene	< .001	mg/l	05/04/04 22:36	WG154923
Chlorodibromomethane	< .001	mg/l	05/04/04 22:36	WG154923
Chloroethane	< .001	mg/l	05/04/04 22:36	WG154923
Chloroform	< .005	mg/l	05/04/04 22:36	WG154923
Chloromethane	< .001	mg/l	05/04/04 22:36	WG154923
cis-1,2-Dichloroethene	< .001	mg/l	05/04/04 22:36	WG154923
Di-isopropyl ether	< .001	mg/l	05/04/04 22:36	WG154923
Dibromomethane	< .001	mg/l	05/04/04 22:36	WG154923
Dichlorodifluoromethane	< .001	mg/l	05/04/04 22:36	WG154923
Ethylbenzene	< .001	mg/l	05/04/04 22:36	WG154923
Hexachlorobutadiene	< .001	mg/l	05/04/04 22:36	WG154923
Isopropylbenzene	< .001	mg/l	05/04/04 22:36	WG154923
m&p-Xylenes	< .002	mg/l	05/04/04 22:36	WG154923
Methyl tert-butyl ether	< .001	mg/l	05/04/04 22:36	WG154923
Methylene Chloride	< .005	mg/l	05/04/04 22:36	WG154923
n-Butylbenzene	< .001	mg/l	05/04/04 22:36	WG154923
n-Propylbenzene	< .001	mg/l	05/04/04 22:36	WG154923
Naphthalene	< .005	mg/l	05/04/04 22:36	WG154923
o-Xylene	< .001	mg/l	05/04/04 22:36	WG154923
p-Isopropyltoluene	< .001	mg/l	05/04/04 22:36	WG154923
sec-Butylbenzene	< .001	mg/l	05/04/04 22:36	WG154923

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Quality Assurance Report
Level II

L152734

May 05, 2004

Styrene	< .001	mg/l	05/04/04 22:36	WG154923

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
tert-Butylbenzene	< .001	mg/l	05/04/04 22:36	WG154923
Tetrachloroethene	< .001	mg/l	05/04/04 22:36	WG154923
Toluene	< .005	mg/l	05/04/04 22:36	WG154923
trans-1,2-Dichloroethene	< .001	mg/l	05/04/04 22:36	WG154923
Trichloroethene	< .001	mg/l	05/04/04 22:36	WG154923
Trichlorofluoromethane	< .001	mg/l	05/04/04 22:36	WG154923
Vinyl chloride	< .001	mg/l	05/04/04 22:36	WG154923

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Lead	mg/l	1	1.00	100	85-115	WG154070
1,2,4-Trichlorobenzene	ppm	.05	0.0261	52.2	41-109	WG154129
1-Methylnaphthalene	ppm	.05	0.0273	54.5	51-109	WG154129
2,4,6-Trichlorophenol	ppm	.05	0.0331	66.3	45-126	WG154129
2,4-Dichlorophenol	ppm	.05	0.0321	64.2	50-115	WG154129
2,4-Dimethylphenol	ppm	.05	0.0335	67.0	49-121	WG154129
2,4-Dinitrophenol	ppm	.05	0.0298	59.6	22-127	WG154129
2,4-Dinitrotoluene	ppm	.05	0.0349	69.7	54-132	WG154129
2,6-Dinitrotoluene	ppm	.05	0.0338	67.5	52-129	WG154129
2-Chloronaphthalene	ppm	.05	0.0282	56.5	41-119	WG154129
2-Chlorophenol	ppm	.05	0.0291	58.2	45-103	WG154129
2-Methylnaphthalene	ppm	.05	0.0265	53.0	40-106	WG154129
2-Nitrophenol	ppm	.05	0.0289	57.8	49-114	WG154129
3,3-Dichlorobenzidine	ppm	.05	0.0447	89.3	53-172	WG154129
4,6-Dinitro-2-methylphenol	ppm	.05	0.0322	64.4	39-129	WG154129
4-Bromophenyl-phenylether	ppm	.05	0.0256	51.2	46-109	WG154129
4-Chloro-3-methylphenol	ppm	.05	0.0318	63.6	49-117	WG154129
4-Chlorophenyl-phenylether	ppm	.05	0.0291	58.2	44-127	WG154129
4-Nitrophenol	ppm	.05	0.0136	27.1	16-103	WG154129
Acenaphthene	ppm	.05	0.0279	55.8	50-125	WG154129
Acenaphthylene	ppm	.05	0.0345	69.0	51-136	WG154129
Anthracene	ppm	.05	0.0327	65.5	54-126	WG154129
Benzidine	ppm	.05	0.0103	20.6	1-145	WG154129
Benzo(a)anthracene	ppm	.05	0.0338	67.6	54-123	WG154129
Benzo(a)pyrene	ppm	.05	0.0369	73.8	59-127	WG154129
Benzo(b)fluoranthene	ppm	.05	0.0321	64.2	57-132	WG154129
Benzo(g,h,i)perylene	ppm	.05	0.0354	70.7	39-161	WG154129
Benzo(k)fluoranthene	ppm	.05	0.0350	70.1	54-127	WG154129
Benzylbutyl phthalate	ppm	.05	0.0433	86.6	49-137	WG154129
Bis(2-chlorethoxy)methane	ppm	.05	0.0283	56.6	45-122	WG154129
Bis(2-chloroethyl)ether	ppm	.05	0.0242	48.4	41-116	WG154129
Bis(2-chloroisopropyl)ether	ppm	.05	0.0288	57.6	33-110	WG154129
Bis(2-ethylhexyl)phthalate	ppm	.05	0.0345	69.1	41-149	WG154129
Chrysene	ppm	.05	0.0335	67.1	53-125	WG154129
Di-n-butyl phthalate	ppm	.05	0.0356	71.1	49-132	WG154129
Di-n-octyl phthalate	ppm	.05	0.0340	68.0	39-148	WG154129
Dibenz(a,h)anthracene	ppm	.05	0.0360	71.9	43-170	WG154129
Diethyl phthalate	ppm	.05	0.0329	65.8	53-128	WG154129
Dimethyl phthalate	ppm	.05	0.0300	60.0	50-123	WG154129
Fluoranthene	ppm	.05	0.0339	67.7	50-126	WG154129
Fluorene	ppm	.05	0.0305	61.0	50-126	WG154129
Hexachloro-1,3-butadiene	ppm	.05	0.0293	58.7	30-133	WG154129
Hexachlorobenzene	ppm	.05	0.0320	64.1	52-119	WG154129
Hexachlorocyclopentadiene	ppm	.05	0.0311	62.2	26-144	WG154129
Hexachloroethane	ppm	.05	0.0364	72.9	32-111	WG154129
Indeno(1,2,3-cd)pyrene	ppm	.05	0.0351	70.3	42-155	WG154129
Isophorone	ppm	.05	0.0380	76.0	41-115	WG154129

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n-Nitrosodi-n-propylamine	ppm	.05	0.0338	67.6	45-121	WG154129

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
n-Nitrosodimethylamine	ppm	.05	0.0197	39.3	10-131	WG154129
n-Nitrosodiphenylamine	ppm	.05	0.0358	71.6	54-130	WG154129
Naphthalene	ppm	.05	0.0260	52.1	46-112	WG154129
Nitrobenzene	ppm	.05	0.0301	60.2	39-113	WG154129
Pentachlorophenol	ppm	.05	0.0289	57.9	46-124	WG154129
Phenanthrene	ppm	.05	0.0308	61.6	54-122	WG154129
Phenol	ppm	.05	0.0127	25.3	53.1-150	WG154129
Pyrene	ppm	.05	0.0348	69.7	50-127	WG154129
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0220	110.	84-128	WG154322
1,1,1-Trichloroethane	mg/l	.02	0.0197	98.6	71-122	WG154322
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0199	99.4	78-120	WG154322
1,1,2-Trichloroethane	mg/l	.02	0.0204	102.	82-117	WG154322
1,1-Dichloroethane	mg/l	.02	0.0220	110.	59-135	WG154322
1,1-Dichloroethene	mg/l	.02	0.0204	102.	60-166	WG154322
1,1-Dichloropropene	mg/l	.02	0.0202	101.	67-132	WG154322
1,2,3-Trichlorobenzene	mg/l	.02	0.0186	92.9	81-122	WG154322
1,2,3-Trichloropropane	mg/l	.02	0.0201	101.	78-122	WG154322
1,2,4-Trichlorobenzene	mg/l	.02	0.0183	91.3	78-132	WG154322
1,2,4-Trimethylbenzene	mg/l	.02	0.0192	95.9	82-117	WG154322
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0186	93.2	58-140	WG154322
1,2-Dibromoethane	mg/l	.02	0.0208	104	79-121	WG154322
1,2-Dichlorobenzene	mg/l	.02	0.0181	90.4	83-113	WG154322
1,2-Dichloroethane	mg/l	.02	0.0204	102.	81-122	WG154322
1,2-Dichloropropane	mg/l	.02	0.0192	96.2	74-125	WG154322
1,3,5-Trimethylbenzene	mg/l	.02	0.0193	96.5	80-118	WG154322
1,3-Dichlorobenzene	mg/l	.02	0.0187	93.5	80-124	WG154322
1,3-Dichloropropane	mg/l	.02	0.0200	100.	86-120	WG154322
1,4-Dichlorobenzene	mg/l	.02	0.0176	88.0	84-115	WG154322
2,2-Dichloropropane	mg/l	.02	0.0188	93.9	71-131	WG154322
2-Butanone (MEK)	mg/l	.1	0.0936	93.6	25-137	WG154322
2-Chlorotoluene	mg/l	.02	0.0188	94.1	79-112	WG154322
4-Chlorotoluene	mg/l	.02	0.0188	93.9	82-116	WG154322
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.101	101.	57-145	WG154322
Acetone	mg/l	.1	0.0929	92.9	14-115	WG154322
Acrolein	mg/l	.1	0.0220	22.0	16-83	WG154322
Acrylonitrile	mg/l	.1	0.0819	81.9	32-142	WG154322
Benzene	mg/l	.02	0.0186	93.1	66-127	WG154322
Bromobenzene	mg/l	.02	0.0205	103.	79-127	WG154322
Bromodichloromethane	mg/l	.02	0.0220	110.	76-117	WG154322
Bromoform	mg/l	.02	0.0214	107.	72-125	WG154322
Bromomethane	mg/l	.02	0.0101	50.5	25-170	WG154322
Carbon tetrachloride	mg/l	.02	0.0206	103.	65-127	WG154322
Chlorobenzene	mg/l	.02	0.0191	95.3	79-117	WG154322
Chlorodibromomethane	mg/l	.02	0.0202	101.	76-115	WG154322
Chloroethane	mg/l	.02	0.0165	82.5	37-130	WG154322
Chloroform	mg/l	.02	0.0213	107.	70-119	WG154322
Chloromethane	mg/l	.02	0.0121	60.7	39-109	WG154322
cis-1,2-Dichloroethene	mg/l	.02	0.0202	101.	72-128	WG154322
Di-isopropyl ether	mg/l	.02	0.0189	94.7	54-147	WG154322
Dibromomethane	mg/l	.02	0.0198	98.8	81-117	WG154322
Dichlorodifluoromethane	mg/l	.02	0.00721	36.1	14-133	WG154322
Ethylbenzene	mg/l	.02	0.0194	96.8	75-117	WG154322
Hexachlorobutadiene	mg/l	.02	0.0181	90.4	68-122	WG154322
Isopropylbenzene	mg/l	.02	0.0191	95.4	67-113	WG154322
m&p-Xylenes	mg/l	.04	0.0381	95.1	76-126	WG154322
Methyl tert-butyl ether	mg/l	.02	0.0144	72.1	57-149	WG154322
Methylene Chloride	mg/l	.02	0.0190	94.9	60-127	WG154322
n-Butylbenzene	mg/l	.02	0.0175	87.3	74-125	WG154322

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Quality Assurance Report
Level II

L152734

May 05, 2004

n-Propylbenzene	mg/l	.02	0.0188	94.2	74-120	WG154322

		Laboratory Control Sample				
Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Naphthalene	mg/l	.02	0.0195	97.5	51-127	WG154322
p-Xylene	mg/l	.02	0.0194	96.8	73-123	WG154322
p-Isopropyltoluene	mg/l	.02	0.0185	92.7	74-122	WG154322
sec-Butylbenzene	mg/l	.02	0.0195	97.4	66-118	WG154322
Styrene	mg/l	.02	0.0184	91.8	78-114	WG154322
tert-Butylbenzene	mg/l	.02	0.0193	96.7	69-121	WG154322
Tetrachloroethene	mg/l	.02	0.0200	100.	71-132	WG154322
Toluene	mg/l	.02	0.0190	94.8	68-122	WG154322
trans-1,2-Dichloroethene	mg/l	.02	0.0209	104.	65-141	WG154322
Trichloroethene	mg/l	.02	0.0206	103.	81-129	WG154322
Trichlorofluoromethane	mg/l	.02	0.0174	87.0	46-94	WG154322
Vinyl chloride	mg/l	.02	0.0148	74.0	40-95	WG154322
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0198	99.1	84-128	WG154424
1,1,1-Trichloroethane	mg/l	.02	0.0176	87.9	71-122	WG154424
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0237	118.	78-120	WG154424
1,1,2-Trichloroethane	mg/l	.02	0.0232	116.	82-117	WG154424
1,1-Dichloroethane	mg/l	.02	0.0208	104.	59-135	WG154424
1,1-Dichloroethene	mg/l	.02	0.0224	112.	60-166	WG154424
1,1-Dichloropropene	mg/l	.02	0.0210	105.	67-132	WG154424
1,2,3-Trichlorobenzene	mg/l	.02	0.0230	115.	81-122	WG154424
1,2,3-Trichloropropane	mg/l	.02	0.0241	120.	78-122	WG154424
1,2,4-Trichlorobenzene	mg/l	.05	0.0225	45.1	78-132	WG154424
1,2,4-Trimethylbenzene	mg/l	.02	0.0227	114.	82-117	WG154424
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0203	101.	58-140	WG154424
1,2-Dibromoethane	mg/l	.02	0.0237	118.	79-121	WG154424
1,2-Dichlorobenzene	mg/l	.05	0.0211	42.2	83-113	WG154424
1,2-Dichloroethane	mg/l	.02	0.0233	117.	81-122	WG154424
1,2-Dichloropropane	mg/l	.02	0.0219	109.	74-125	WG154424
1,3,5-Trimethylbenzene	mg/l	.02	0.0219	110.	80-118	WG154424
1,3-Dichlorobenzene	mg/l	.05	0.0218	43.6	80-124	WG154424
1,3-Dichloropropane	mg/l	.02	0.0234	117.	86-120	WG154424
1,4-Dichlorobenzene	mg/l	.05	0.0213	42.7	84-115	WG154424
2,2-Dichloropropane	mg/l	.02	0.0202	101.	71-131	WG154424
2-Butanone (MEK)	mg/l	.1	0.118	118.	25-137	WG154424
2-Chlorotoluene	mg/l	.02	0.0214	107.	79-112	WG154424
4-Chlorotoluene	mg/l	.02	0.0221	110.	82-116	WG154424
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.118	118.	57-145	WG154424
Acetone	mg/l	.1	0.132	132.	14-115	WG154424
Acrolein	mg/l	.1	0.0570	57.0	16-83	WG154424
Acrylonitrile	mg/l	.1	0.0979	97.9	32-142	WG154424
Benzene	mg/l	.02	0.0201	100.	66-127	WG154424
Bromobenzene	mg/l	.02	0.0222	111.	79-127	WG154424
Bromodichloromethane	mg/l	.02	0.0222	111.	76-117	WG154424
Bromoform	mg/l	.02	0.0172	86.2	72-125	WG154424
Bromomethane	mg/l	.02	0.0194	97.2	25-170	WG154424
Carbon tetrachloride	mg/l	.02	0.0161	80.4	65-127	WG154424
Chlorobenzene	mg/l	.02	0.0211	106.	79-117	WG154424
Chlorodibromomethane	mg/l	.02	0.0191	95.3	76-115	WG154424
Chloroethane	mg/l	.02	0.0238	119.	37-130	WG154424
Chloroform	mg/l	.02	0.0203	101.	70-119	WG154424
Chloromethane	mg/l	.02	0.0251	125.	39-109	WG154424
cis-1,2-Dichloroethene	mg/l	.02	0.0215	107.	72-128	WG154424
Di-isopropyl ether	mg/l	.02	0.0208	104.	54-147	WG154424
Dibromomethane	mg/l	.02	0.0236	118.	81-117	WG154424
Dichlorodifluoromethane	mg/l	.02	0.0318	159.	14-133	WG154424
Ethylbenzene	mg/l	.02	0.0208	104.	75-117	WG154424
Hexachlorobutadiene	mg/l	.02	0.0195	97.3	68-122	WG154424
Isopropylbenzene	mg/l	.02	0.0205	103.	67-113	WG154424

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m&p-Xylenes	mg/l	.04	0.0431	108.	76-126	WG154424

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Methyl tert-butyl ether	mg/l	.02	0.0159	79.6	57-149	WG154424
Methylene Chloride	mg/l	.02	0.0217	108.	60-127	WG154424
n-Butylbenzene	mg/l	.02	0.0206	103.	74-125	WG154424
n-Propylbenzene	mg/l	.02	0.0213	107.	74-120	WG154424
Naphthalene	mg/l	.05	0.0182	36.5	51-127	WG154424
o-Xylene	mg/l	.02	0.0211	106.	73-123	WG154424
p-Isopropyltoluene	mg/l	.02	0.0220	110.	74-122	WG154424
sec-Butylbenzene	mg/l	.02	0.0214	107.	66-118	WG154424
Styrene	mg/l	.02	0.0217	108.	78-114	WG154424
tert-Butylbenzene	mg/l	.02	0.0208	104.	69-121	WG154424
Tetrachloroethene	mg/l	.02	0.0206	103.	71-132	WG154424
Toluene	mg/l	.02	0.0197	98.5	68-122	WG154424
trans-1,2-Dichloroethene	mg/l	.02	0.0220	110.	65-141	WG154424
Trichloroethene	mg/l	.02	0.0215	107.	81-129	WG154424
Trichlorofluoromethane	mg/l	.02	0.0205	102.	46-94	WG154424
Vinyl chloride	mg/l	.02	0.0240	120.	40-95	WG154424
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0229	115.	84-128	WG154923
1,1,1-Trichloroethane	mg/l	.02	0.0221	110.	71-122	WG154923
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0225	113.	78-120	WG154923
1,1,2-Trichloroethane	mg/l	.02	0.0223	111.	82-117	WG154923
1,1-Dichloroethane	mg/l	.02	0.0222	111.	59-135	WG154923
1,1-Dichloroethene	mg/l	.02	0.0223	111.	60-166	WG154923
1,1-Dichloropropene	mg/l	.02	0.0235	118.	67-132	WG154923
1,2,3-Trichlorobenzene	mg/l	.02	0.0223	112.	81-122	WG154923
1,2,3-Trichloropropane	mg/l	.02	0.0225	113.	78-122	WG154923
1,2,4-Trichlorobenzene	mg/l	.05	0.0225	45.0	78-132	WG154923
1,2,4-Trimethylbenzene	mg/l	.02	0.0214	107.	82-117	WG154923
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0228	114.	58-140	WG154923
1,2-Dibromoethane	mg/l	.02	0.0224	112.	79-121	WG154923
1,2-Dichlorobenzene	mg/l	.05	0.0206	41.2	83-113	WG154923
1,2-Dichloroethane	mg/l	.02	0.0225	113.	81-122	WG154923
1,2-Dichloropropane	mg/l	.02	0.0230	115.	74-125	WG154923
1,3,5-Trimethylbenzene	mg/l	.02	0.0210	105.	80-118	WG154923
1,3-Dichlorobenzene	mg/l	.05	0.0206	41.1	80-124	WG154923
1,3-Dichloropropane	mg/l	.02	0.0218	109.	86-120	WG154923
1,4-Dichlorobenzene	mg/l	.05	0.0203	40.5	84-115	WG154923
2,2-Dichloropropane	mg/l	.02	0.0214	107.	71-131	WG154923
2-Butanone (MEK)	mg/l	.1	0.131	131.	25-137	WG154923
2-Chlorotoluene	mg/l	.02	0.0208	104.	79-112	WG154923
4-Chlorotoluene	mg/l	.02	0.0209	104.	82-116	WG154923
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.125	125.	57-145	WG154923
Acetone	mg/l	.1	0.139	139.	14-115	WG154923
Acrolein	mg/l	.1	0.0413	41.3	16-83	WG154923
Acrylonitrile	mg/l	.1	0.109	109.	32-142	WG154923
Benzene	mg/l	.02	0.0210	105.	66-127	WG154923
Bromobenzene	mg/l	.02	0.0213	107.	79-127	WG154923
Bromodichloromethane	mg/l	.02	0.0244	122.	76-117	WG154923
Bromoform	mg/l	.02	0.0214	107.	72-125	WG154923
Bromomethane	mg/l	.02	0.0106	53.0	25-170	WG154923
Carbon tetrachloride	mg/l	.02	0.0231	116.	65-127	WG154923
Chlorobenzene	mg/l	.02	0.0204	102.	79-117	WG154923
Chlorodibromomethane	mg/l	.02	0.0203	101.	76-115	WG154923
Chloroethane	mg/l	.02	0.0199	99.5	37-130	WG154923
Chloroform	mg/l	.02	0.0207	104.	70-119	WG154923
Chloromethane	mg/l	.02	0.0215	107.	39-109	WG154923
cis-1,2-Dichloroethene	mg/l	.02	0.0218	109.	72-128	WG154923
Di-isopropyl ether	mg/l	.02	0.0211	106.	54-147	WG154923
Dibromomethane	mg/l	.02	0.0220	110.	81-117	WG154923

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Dichlorodifluoromethane	mg/l	.02	0.0220	110.	14-133	WG154923

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Ethylbenzene	mg/l	.02	0.0213	106.	75-117	WG154923
Hexachlorobutadiene	mg/l	.02	0.0224	112.	68-122	WG154923
Isopropylbenzene	mg/l	.02	0.0211	106.	67-113	WG154923
m&p-Xylenes	mg/l	.04	0.0426	107.	76-126	WG154923
Methyl tert-butyl ether	mg/l	.02	0.0226	113.	57-149	WG154923
Methylene Chloride	mg/l	.02	0.0195	97.4	60-127	WG154923
n-Butylbenzene	mg/l	.02	0.0221	110.	74-125	WG154923
n-Propylbenzene	mg/l	.02	0.0213	106.	74-120	WG154923
Naphthalene	mg/l	.05	0.0227	45.3	51-127	WG154923
o-Xylene	mg/l	.02	0.0213	107.	73-123	WG154923
p-Isopropyltoluene	mg/l	.02	0.0213	107.	74-122	WG154923
sec-Butylbenzene	mg/l	.02	0.0219	109.	66-118	WG154923
Styrene	mg/l	.02	0.0206	103.	78-114	WG154923
tert-Butylbenzene	mg/l	.02	0.0213	106.	69-121	WG154923
Tetrachloroethene	mg/l	.02	0.0208	104.	71-132	WG154923
Toluene	mg/l	.02	0.0220	110.	68-122	WG154923
trans-1,2-Dichloroethene	mg/l	.02	0.0231	116.	65-141	WG154923
Trichloroethene	mg/l	.02	0.0238	119.	81-129	WG154923
Trichlorofluoromethane	mg/l	.02	0.0197	98.6	46-94	WG154923
Vinyl chloride	mg/l	.02	0.0216	108.	40-95	WG154923

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Lead	mg/l	1.02	1.00	1.98	20	R194371-3	WG154070
1,2,4-Trichlorobenzene	ppm	0.0294	0.0261	12.0	25	R194561-3	WG154129
1-Methylnaphthalene	ppm	0.0309	0.0273	12.7	21	R194561-3	WG154129
2,4,6-Trichlorophenol	ppm	0.0362	0.0331	8.72	20	R194561-3	WG154129
2,4-Dichlorophenol	ppm	0.0350	0.0321	8.59	21	R194561-3	WG154129
2,4-Dimethylphenol	ppm	0.0368	0.0335	9.36	24	R194561-3	WG154129
2,4-Dinitrophenol	ppm	0.0368	0.0298	21.0	29	R194561-3	WG154129
2,4-Dinitrotoluene	ppm	0.0364	0.0349	4.21	23	R194561-3	WG154129
2,6-Dinitrotoluene	ppm	0.0348	0.0338	2.95	22	R194561-3	WG154129
2-Chloronaphthalene	ppm	0.0305	0.0282	7.79	23	R194561-3	WG154129
2-Chlorophenol	ppm	0.0317	0.0291	8.39	25	R194561-3	WG154129
2-Methylnaphthalene	ppm	0.0298	0.0265	11.6	20	R194561-3	WG154129
2-Nitrophenol	ppm	0.0312	0.0289	7.66	24	R194561-3	WG154129
3,3-Dichlorobenzidine	ppm	0.0454	0.0447	1.58	25	R194561-3	WG154129
4,6-Dinitro-2-methylphenol	ppm	0.0364	0.0322	12.2	30	R194561-3	WG154129
4-Bromophenyl-phenylether	ppm	0.0268	0.0256	4.39	22	R194561-3	WG154129
4-Chloro-3-methylphenol	ppm	0.0342	0.0318	7.22	23	R194561-3	WG154129
4-Chlorophenyl-phenylether	ppm	0.0305	0.0291	4.70	24	R194561-3	WG154129
4-Nitrophenol	ppm	0.0139	0.0136	2.69	29	R194561-3	WG154129
Acenaphthene	ppm	0.0299	0.0279	6.98	21	R194561-3	WG154129
Acenaphthylene	ppm	0.0374	0.0345	7.99	21	R194561-3	WG154129
Anthracene	ppm	0.0343	0.0327	4.65	20	R194561-3	WG154129
Benzidine	ppm	0.0102	0.0103	1.47	64	R194561-3	WG154129
Benzo(a)anthracene	ppm	0.0338	0.0338	0.0888	20	R194561-3	WG154129
Benzo(a)pyrene	ppm	0.0373	0.0369	0.997	22	R194561-3	WG154129
Benzo(b)fluoranthene	ppm	0.0341	0.0321	6.16	24	R194561-3	WG154129
Benzo(g,h,i)perylene	ppm	0.0352	0.0354	0.368	33	R194561-3	WG154129
Benzo(k)fluoranthene	ppm	0.0328	0.0350	6.73	23	R194561-3	WG154129
Benzylbutyl phthalate	ppm	0.0440	0.0433	1.67	24	R194561-3	WG154129
Bis(2-chlorethoxy)methane	ppm	0.0317	0.0283	11.3	24	R194561-3	WG154129
Bis(2-chloroethyl)ether	ppm	0.0271	0.0242	11.2	26	R194561-3	WG154129
Bis(2-chloroisopropyl)ether	ppm	0.0326	0.0288	12.3	27	R194561-3	WG154129
Bis(2-ethylhexyl)phthalate	ppm	0.0349	0.0345	1.09	24	R194561-3	WG154129
Chrysene	ppm	0.0342	0.0335	1.86	21	R194561-3	WG154129

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Di-n-butyl phthalate	ppm	0.0362	0.0356	1.73	23	R194561-3	WG154129

Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Di-n-octyl phthalate	ppm	0.0343	0.0340	0.966	30	R194561-3	WG154129
Dibenz(a,h)anthracene	ppm	0.0357	0.0360	0.726	28	R194561-3	WG154129
Diethyl phthalate	ppm	0.0332	0.0329	0.968	22	R194561-3	WG154129
Dimethyl phthalate	ppm	0.0314	0.0300	4.37	23	R194561-3	WG154129
Fluoranthene	ppm	0.0343	0.0339	1.29	21	R194561-3	WG154129
Fluorene	ppm	0.0314	0.0305	2.94	22	R194561-3	WG154129
Hexachloro-1,3-butadiene	ppm	0.0326	0.0293	10.5	26	R194561-3	WG154129
Hexachlorobenzene	ppm	0.0331	0.0320	3.38	23	R194561-3	WG154129
Hexachlorocyclopentadiene	ppm	0.0348	0.0311	11.1	29	R194561-3	WG154129
Hexachloroethane	ppm	0.0399	0.0364	9.17	26	R194561-3	WG154129
Indeno(1,2,3-cd)pyrene	ppm	0.0353	0.0351	0.398	29	R194561-3	WG154129
Isophorone	ppm	0.0417	0.0380	9.34	26	R194561-3	WG154129
N-Nitrosodi-n-propylamine	ppm	0.0376	0.0338	10.7	26	R194561-3	WG154129
N-Nitrosodimethylamine	ppm	0.0207	0.0197	5.25	26	R194561-3	WG154129
n-Nitrosodiphenylamine	ppm	0.0370	0.0358	3.35	29	R194561-3	WG154129
Naphthalene	ppm	0.0294	0.0260	12.3	39	R194561-3	WG154129
Nitrobenzene	ppm	0.0335	0.0301	10.8	25	R194561-3	WG154129
Pentachlorophenol	ppm	0.0307	0.0289	5.97	24	R194561-3	WG154129
Phenanthrene	ppm	0.0314	0.0308	1.87	22	R194561-3	WG154129
Phenol	ppm	0.0133	0.0127	4.63	24	R194561-3	WG154129
Pyrene	ppm	0.0354	0.0348	1.48	24	R194561-3	WG154129
1,1,1,2-Tetrachloroethane	mg/l	0.0232	0.0220	5.58	16	R194617-2	WG154322
1,1,1-Trichloroethane	mg/l	0.0213	0.0197	7.66	28	R194617-2	WG154322
1,1,2,2-Tetrachloroethane	mg/l	0.0211	0.0199	6.10	10	R194617-2	WG154322
1,1,2-Trichloroethane	mg/l	0.0220	0.0204	7.88	16	R194617-2	WG154322
1,1-Dichloroethane	mg/l	0.0246	0.0220	11.2	17	R194617-2	WG154322
1,1-Dichloroethene	mg/l	0.0223	0.0204	9.18	36	R194617-2	WG154322
1,1-Dichloropropene	mg/l	0.0216	0.0202	6.93	33	R194617-2	WG154322
1,2,3-Trichlorobenzene	mg/l	0.0231	0.0186	21.7	17	R194617-2	WG154322
1,2,3-Trichloropropane	mg/l	0.0213	0.0201	5.70	13	R194617-2	WG154322
1,2,4-Trichlorobenzene	mg/l	0.0208	0.0183	12.8	25	R194617-2	WG154322
1,2,4-Trimethylbenzene	mg/l	0.0207	0.0192	7.53	29	R194617-2	WG154322
1,2-Dibromo-3-Chloropropane	mg/l	0.0207	0.0186	10.7	21	R194617-2	WG154322
1,2-Dibromoethane	mg/l	0.0221	0.0208	6.02	19	R194617-2	WG154322
1,2-Dichlorobenzene	mg/l	0.0197	0.0181	8.47	16	R194617-2	WG154322
1,2-Dichloroethane	mg/l	0.0226	0.0204	10.6	13	R194617-2	WG154322
1,2-Dichloropropane	mg/l	0.0209	0.0192	8.13	14	R194617-2	WG154322
1,3,5-Trimethylbenzene	mg/l	0.0203	0.0193	4.86	28	R194617-2	WG154322
1,3-Dichlorobenzene	mg/l	0.0200	0.0187	6.67	25	R194617-2	WG154322
1,3-Dichloropropane	mg/l	0.0215	0.0200	7.32	15	R194617-2	WG154322
1,4-Dichlorobenzene	mg/l	0.0190	0.0176	7.39	18	R194617-2	WG154322
2,2-Dichloropropane	mg/l	0.0201	0.0188	6.74	31	R194617-2	WG154322
2-Butanone (MEK)	mg/l	0.103	0.0936	9.94	10	R194617-2	WG154322
2-Chlorotoluene	mg/l	0.0198	0.0188	4.88	24	R194617-2	WG154322
4-Chlorotoluene	mg/l	0.0198	0.0188	5.24	22	R194617-2	WG154322
4-Methyl-2-pentanone (MIBK)	mg/l	0.108	0.101	6.12	12	R194617-2	WG154322
Acetone	mg/l	0.107	0.0929	13.9	20	R194617-2	WG154322
Acrolein	mg/l	0.0264	0.0220	18.2	34	R194617-2	WG154322
Acrylonitrile	mg/l	0.0897	0.0819	9.12	13	R194617-2	WG154322
Benzene	mg/l	0.0204	0.0186	9.23	20	R194617-2	WG154322
Bromobenzene	mg/l	0.0219	0.0205	6.64	22	R194617-2	WG154322
Bromodichloromethane	mg/l	0.0240	0.0220	8.53	13	R194617-2	WG154322
Bromoform	mg/l	0.0230	0.0214	7.12	18	R194617-2	WG154322
Bromomethane	mg/l	0.0099	0.0101	1.50	20	R194617-2	WG154322
Carbon tetrachloride	mg/l	0.0222	0.0206	7.62	36	R194617-2	WG154322
Chlorobenzene	mg/l	0.0203	0.0191	6.21	21	R194617-2	WG154322
Chlorodibromomethane	mg/l	0.0217	0.0202	7.17	17	R194617-2	WG154322
Chloroethane	mg/l	0.0180	0.0165	8.76	25	R194617-2	WG154322

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Quality Assurance Report
Level II

L152734

May 05, 2004

Chloroform	mg/l	0.0246	0.0213	14.3	26	R194617-2	WG154322

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Chloromethane	mg/l	0.0131	0.0121	7.31	31	R194617-2	WG154322
cis-1,2-Dichloroethene	mg/l	0.0224	0.0202	10.3	18	R194617-2	WG154322
di-isopropyl ether	mg/l	0.0205	0.0189	7.72	48	R194617-2	WG154322
Dibromomethane	mg/l	0.0216	0.0198	8.99	12	R194617-2	WG154322
Dichlorodifluoromethane	mg/l	0.0077	0.0072	6.57	28	R194617-2	WG154322
Ethylbenzene	mg/l	0.0203	0.0194	4.55	25	R194617-2	WG154322
Hexachlorobutadiene	mg/l	0.0198	0.0181	9.23	36	R194617-2	WG154322
Isopropylbenzene	mg/l	0.0204	0.0191	6.64	29	R194617-2	WG154322
m&p-Xylenes	mg/l	0.0404	0.0381	6.07	22	R194617-2	WG154322
Methyl tert-butyl ether	mg/l	0.0142	0.0144	1.40	34	R194617-2	WG154322
Methylene Chloride	mg/l	0.0203	0.0190	6.82	16	R194617-2	WG154322
n-Butylbenzene	mg/l	0.0187	0.0175	6.59	30	R194617-2	WG154322
n-Propylbenzene	mg/l	0.0198	0.0188	5.17	30	R194617-2	WG154322
Naphthalene	mg/l	0.0239	0.0195	20.3	39	R194617-2	WG154322
o-Xylene	mg/l	0.0204	0.0194	5.33	20	R194617-2	WG154322
p-Isopropyltoluene	mg/l	0.0201	0.0185	8.03	36	R194617-2	WG154322
sec-Butylbenzene	mg/l	0.0206	0.0195	5.64	32	R194617-2	WG154322
Styrene	mg/l	0.0195	0.0184	6.23	21	R194617-2	WG154322
tert-Butylbenzene	mg/l	0.0210	0.0193	8.14	30	R194617-2	WG154322
Tetrachloroethene	mg/l	0.0212	0.0200	5.44	32	R194617-2	WG154322
Toluene	mg/l	0.0197	0.0190	3.73	17	R194617-2	WG154322
trans-1,2-Dichloroethene	mg/l	0.0228	0.0209	9.02	27	R194617-2	WG154322
Trichloroethene	mg/l	0.0220	0.0206	6.53	25	R194617-2	WG154322
Trichlorofluoromethane	mg/l	0.0185	0.0174	6.13	41	R194617-2	WG154322
Vinyl chloride	mg/l	0.0162	0.0148	9.22	36	R194617-2	WG154322
1,1,1,2-Tetrachloroethane	mg/l	0.0199	0.0198	0.353	16	R194785-5	WG154424
1,1,1-Trichloroethane	mg/l	0.0168	0.0176	4.84	28	R194785-5	WG154424
1,1,2,2-Tetrachloroethane	mg/l	0.0205	0.0237	14.6	10	R194785-5	WG154424
1,1,2-Trichloroethane	mg/l	0.0216	0.0232	7.45	16	R194785-5	WG154424
1,1-Dichloroethane	mg/l	0.0198	0.0208	4.83	17	R194785-5	WG154424
1,1-Dichloroethene	mg/l	0.0221	0.0224	1.35	36	R194785-5	WG154424
1,1-Dichloropropene	mg/l	0.0198	0.0210	5.89	33	R194785-5	WG154424
1,2,3-Trichlorobenzene	mg/l	0.0202	0.0230	13.1	17	R194785-5	WG154424
1,2,3-Trichloropropane	mg/l	0.0206	0.0241	15.7	13	R194785-5	WG154424
1,2,4-Trichlorobenzene	mg/l	0.0200	0.0225	11.9	25	R194785-5	WG154424
1,2,4-Trimethylbenzene	mg/l	0.0216	0.0227	5.24	29	R194785-5	WG154424
1,2-Dibromo-3-Chloropropane	mg/l	0.0169	0.0203	18.0	21	R194785-5	WG154424
1,2-Dibromoethane	mg/l	0.0224	0.0237	5.56	19	R194785-5	WG154424
1,2-Dichlorobenzene	mg/l	0.0199	0.0211	5.91	16	R194785-5	WG154424
1,2-Dichloroethane	mg/l	0.0215	0.0233	8.30	13	R194785-5	WG154424
1,2-Dichloropropane	mg/l	0.0206	0.0219	5.94	14	R194785-5	WG154424
1,3,5-Trimethylbenzene	mg/l	0.0208	0.0219	5.34	28	R194785-5	WG154424
1,3-Dichlorobenzene	mg/l	0.0210	0.0218	3.60	25	R194785-5	WG154424
1,3-Dichloropropane	mg/l	0.0215	0.0234	8.77	15	R194785-5	WG154424
1,4-Dichlorobenzene	mg/l	0.0201	0.0213	6.19	18	R194785-5	WG154424
2,2-Dichloropropane	mg/l	0.0198	0.0202	2.05	31	R194785-5	WG154424
2-Butanone (MEK)	mg/l	0.0925	0.118	24.1	10	R194785-5	WG154424
2-Chlorotoluene	mg/l	0.0206	0.0214	3.76	24	R194785-5	WG154424
4-Chlorotoluene	mg/l	0.0210	0.0221	4.92	22	R194785-5	WG154424
4-Methyl-2-pentanone (MIBK)	mg/l	0.0945	0.118	22.1	12	R194785-5	WG154424
Acetone	mg/l	0.105	0.132	22.6	20	R194785-5	WG154424
Acrolein	mg/l	0.0445	0.0570	24.7	34	R194785-5	WG154424
Acrylonitrile	mg/l	0.0808	0.0979	19.1	13	R194785-5	WG154424
Benzene	mg/l	0.0191	0.0201	5.21	20	R194785-5	WG154424
Bromobenzene	mg/l	0.0208	0.0222	6.42	22	R194785-5	WG154424
Bromodichloromethane	mg/l	0.0213	0.0222	4.18	13	R194785-5	WG154424
Bromoform	mg/l	0.0173	0.0172	0.116	18	R194785-5	WG154424
Bromomethane	mg/l	0.0187	0.0194	3.99	20	R194785-5	WG154424

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Quality Assurance Report
Level II

L152734

May 05, 2004

Carbon tetrachloride	mg/l	0.0160	0.0161	0.750	36	R194785-5	WG154424

Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Chlorobenzene	mg/l	0.0205	0.0211	2.83	21	R194785-5	WG154424
Chlorodibromomethane	mg/l	0.0191	0.0191	0.157	17	R194785-5	WG154424
Chloroethane	mg/l	0.0225	0.0238	5.70	25	R194785-5	WG154424
Chloroform	mg/l	0.0194	0.0203	4.49	26	R194785-5	WG154424
Chloromethane	mg/l	0.0237	0.0251	5.83	31	R194785-5	WG154424
cis-1,2-Dichloroethene	mg/l	0.0206	0.0215	4.47	18	R194785-5	WG154424
Di-isopropyl ether	mg/l	0.0197	0.0208	5.24	48	R194785-5	WG154424
Dibromomethane	mg/l	0.0213	0.0236	10.1	12	R194785-5	WG154424
Dichlorodifluoromethane	mg/l	0.0306	0.0318	3.81	28	R194785-5	WG154424
Ethylbenzene	mg/l	0.0203	0.0208	2.43	25	R194785-5	WG154424
Hexachlorobutadiene	mg/l	0.0177	0.0195	9.59	36	R194785-5	WG154424
Isopropylbenzene	mg/l	0.0199	0.0205	3.27	29	R194785-5	WG154424
m&p-Xylenes	mg/l	0.0413	0.0431	4.29	22	R194785-5	WG154424
Methyl tert-butyl ether	mg/l	0.0145	0.0159	9.13	34	R194785-5	WG154424
Methylene Chloride	mg/l	0.0203	0.0217	6.48	16	R194785-5	WG154424
n-Butylbenzene	mg/l	0.0198	0.0206	4.02	30	R194785-5	WG154424
n-Propylbenzene	mg/l	0.0202	0.0213	5.50	30	R194785-5	WG154424
Naphthalene	mg/l	0.0161	0.0182	12.8	39	R194785-5	WG154424
o-Xylene	mg/l	0.0204	0.0211	3.47	20	R194785-5	WG154424
p-Isopropyltoluene	mg/l	0.0205	0.0220	7.11	36	R194785-5	WG154424
sec-Butylbenzene	mg/l	0.0202	0.0214	5.63	32	R194785-5	WG154424
Styrene	mg/l	0.0208	0.0217	4.15	21	R194785-5	WG154424
tert-Butylbenzene	mg/l	0.0200	0.0208	4.08	30	R194785-5	WG154424
Tetrachloroethene	mg/l	0.0200	0.0206	3.05	32	R194785-5	WG154424
Toluene	mg/l	0.0187	0.0197	5.21	17	R194785-5	WG154424
trans-1,2-Dichloroethene	mg/l	0.0211	0.0220	4.36	27	R194785-5	WG154424
Trichloroethene	mg/l	0.0204	0.0215	5.11	25	R194785-5	WG154424
Trichlorofluoromethane	mg/l	0.0192	0.0205	6.46	41	R194785-5	WG154424
Vinyl chloride	mg/l	0.0226	0.0240	6.09	36	R194785-5	WG154424
1,1,1,2-Tetrachloroethane	mg/l	0.0246	0.0229	6.86	16	R194962-2	WG154923
1,1,1-Trichloroethane	mg/l	0.0233	0.0221	5.46	28	R194962-2	WG154923
1,1,2,2-Tetrachloroethane	mg/l	0.0237	0.0225	5.06	10	R194962-2	WG154923
1,1,2-Trichloroethane	mg/l	0.0236	0.0223	5.75	16	R194962-2	WG154923
1,1-Dichloroethane	mg/l	0.0226	0.0222	2.14	17	R194962-2	WG154923
1,1-Dichloroethene	mg/l	0.0230	0.0223	3.40	36	R194962-2	WG154923
1,1-Dichloropropene	mg/l	0.0244	0.0235	3.46	33	R194962-2	WG154923
1,2,3-Trichlorobenzene	mg/l	0.0278	0.0223	21.7	17	R194962-2	WG154923
1,2,3-Trichloropropane	mg/l	0.0237	0.0225	5.10	13	R194962-2	WG154923
1,2,4-Trichlorobenzene	mg/l	0.0256	0.0225	12.6	25	R194962-2	WG154923
1,2,4-Trimethylbenzene	mg/l	0.0229	0.0214	6.91	29	R194962-2	WG154923
1,2-Dibromo-3-Chloropropane	mg/l	0.0253	0.0228	10.5	21	R194962-2	WG154923
1,2-Dibromoethane	mg/l	0.0230	0.0224	2.29	19	R194962-2	WG154923
1,2-Dichlorobenzene	mg/l	0.0220	0.0206	6.53	16	R194962-2	WG154923
1,2-Dichloroethane	mg/l	0.0234	0.0225	3.66	13	R194962-2	WG154923
1,2-Dichloropropane	mg/l	0.0233	0.0230	1.25	14	R194962-2	WG154923
1,3,5-Trimethylbenzene	mg/l	0.0222	0.0210	5.52	28	R194962-2	WG154923
1,3-Dichlorobenzene	mg/l	0.0213	0.0206	3.49	25	R194962-2	WG154923
1,3-Dichloropropane	mg/l	0.0228	0.0218	4.39	15	R194962-2	WG154923
1,4-Dichlorobenzene	mg/l	0.0220	0.0203	8.24	18	R194962-2	WG154923
2,2-Dichloropropane	mg/l	0.0222	0.0214	3.49	31	R194962-2	WG154923
2-Butanone (MEK)	mg/l	0.132	0.131	0.228	10	R194962-2	WG154923
2-Chlorotoluene	mg/l	0.0221	0.0208	6.44	24	R194962-2	WG154923
4-Chlorotoluene	mg/l	0.0220	0.0209	5.36	22	R194962-2	WG154923
4-Methyl-2-pentanone (MIBK)	mg/l	0.126	0.125	0.558	12	R194962-2	WG154923
Acetone	mg/l	0.137	0.139	1.76	20	R194962-2	WG154923
Acrolein	mg/l	0.0415	0.0413	0.580	34	R194962-2	WG154923
Acrylonitrile	mg/l	0.112	0.109	1.99	13	R194962-2	WG154923
Benzene	mg/l	0.0217	0.0210	3.37	20	R194962-2	WG154923

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Bromobenzene	mg/l	0.0226	0.0213	5.60	22	R194962-2	WG154923

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Bromodichloromethane	mg/l	0.0245	0.0244	0.286	13	R194962-2	WG154923
Bromoform	mg/l	0.0229	0.0214	6.76	18	R194962-2	WG154923
Bromomethane	mg/l	0.0109	0.0106	2.79	20	R194962-2	WG154923
Carbon tetrachloride	mg/l	0.0242	0.0231	4.44	36	R194962-2	WG154923
Chlorobenzene	mg/l	0.0217	0.0204	5.90	21	R194962-2	WG154923
Chlorodibromomethane	mg/l	0.0217	0.0203	6.87	17	R194962-2	WG154923
Chloroethane	mg/l	0.0199	0.0199	0.101	25	R194962-2	WG154923
Chloroform	mg/l	0.0216	0.0207	4.16	26	R194962-2	WG154923
Chloromethane	mg/l	0.0217	0.0215	1.30	31	R194962-2	WG154923
cis-1,2-Dichloroethene	mg/l	0.0225	0.0218	3.34	18	R194962-2	WG154923
Di-isopropyl ether	mg/l	0.0216	0.0211	1.97	48	R194962-2	WG154923
Dibromomethane	mg/l	0.0220	0.0220	0.182	12	R194962-2	WG154923
Dichlorodifluoromethane	mg/l	0.0225	0.0220	2.43	28	R194962-2	WG154923
Ethylbenzene	mg/l	0.0226	0.0213	6.11	25	R194962-2	WG154923
Hexachlorobutadiene	mg/l	0.0247	0.0224	9.64	36	R194962-2	WG154923
Isopropylbenzene	mg/l	0.0223	0.0211	5.35	29	R194962-2	WG154923
m&p-Xylenes	mg/l	0.0448	0.0426	5.05	22	R194962-2	WG154923
Methyl tert-butyl ether	mg/l	0.0237	0.0226	4.62	34	R194962-2	WG154923
Methylene Chloride	mg/l	0.0201	0.0195	2.94	16	R194962-2	WG154923
n-Butylbenzene	mg/l	0.0233	0.0221	5.46	30	R194962-2	WG154923
n-Propylbenzene	mg/l	0.0225	0.0213	5.58	30	R194962-2	WG154923
Naphthalene	mg/l	0.0282	0.0227	21.7	39	R194962-2	WG154923
o-Xylene	mg/l	0.0223	0.0213	4.32	20	R194962-2	WG154923
p-Isopropyltoluene	mg/l	0.0229	0.0213	7.23	36	R194962-2	WG154923
sec-Butylbenzene	mg/l	0.0230	0.0219	4.95	32	R194962-2	WG154923
Styrene	mg/l	0.0216	0.0206	4.74	21	R194962-2	WG154923
tert-Butylbenzene	mg/l	0.0227	0.0213	6.46	30	R194962-2	WG154923
Tetrachloroethene	mg/l	0.0220	0.0208	5.57	32	R194962-2	WG154923
Toluene	mg/l	0.0225	0.0220	2.30	17	R194962-2	WG154923
trans-1,2-Dichloroethene	mg/l	0.0242	0.0231	4.69	27	R194962-2	WG154923
Trichloroethene	mg/l	0.0239	0.0238	0.252	25	R194962-2	WG154923
Trichlorofluoromethane	mg/l	0.0204	0.0197	3.39	41	R194962-2	WG154923
Vinyl chloride	mg/l	0.0224	0.0216	3.50	36	R194962-2	WG154923

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Lead	mg/l	0.980	0.00	1	98.0	75-125	L152758-06	WG154070
1,1,1,2-Tetrachloroethane	mg/l	0.0183	0.00	0.02	91.3	67-139	L152734-07	WG154424
1,1,1-Trichloroethane	mg/l	0.0169	0.00	0.02	84.4	46-143	L152734-07	WG154424
1,1,2,2-Tetrachloroethane	mg/l	0.0218	0.00	0.02	109.	70-116	L152734-07	WG154424
1,1,2-Trichloroethane	mg/l	0.0210	0.00	0.02	105.	70-122	L152734-07	WG154424
1,1-Dichloroethane	mg/l	0.0235	0.0034	0.02	100.	47-138	L152734-07	WG154424
1,1-Dichloroethene	mg/l	0.0227	0.00	0.02	113.	56-162	L152734-07	WG154424
1,1-Dichloropropene	mg/l	0.0192	0.00	0.02	96.2	49-140	L152734-07	WG154424
1,2,3-Trichlorobenzene	mg/l	0.0184	0.00	0.02	92.2	63-124	L152734-07	WG154424
1,2,3-Trichloropropane	mg/l	0.0212	0.00	0.02	106.	66-124	L152734-07	WG154424
1,2,4-Trichlorobenzene	mg/l	0.0178	0.00	0.05	35.5	52-130	L152734-07	WG154424
1,2,4-Trimethylbenzene	mg/l	0.0202	0.00	0.02	101.	62-126	L152734-07	WG154424
1,2-Dibromo-3-Chloropropane	mg/l	0.0168	0.00	0.02	83.8	48-122	L152734-07	WG154424
1,2-Dibromoethane	mg/l	0.0217	0.00	0.02	108.	74-121	L152734-07	WG154424
1,2-Dichlorobenzene	mg/l	0.0191	0.00	0.05	38.3	65-119	L152734-07	WG154424
1,2-Dichloroethane	mg/l	0.0221	0.00	0.02	110.	48-148	L152734-07	WG154424
1,2-Dichloropropane	mg/l	0.0206	0.00	0.02	103.	66-122	L152734-07	WG154424
1,3,5-Trimethylbenzene	mg/l	0.0195	0.00	0.02	97.5	60-127	L152734-07	WG154424
1,3-Dichlorobenzene	mg/l	0.0192	0.00	0.05	38.4	62-122	L152734-07	WG154424
1,3-Dichloropropane	mg/l	0.0213	0.00	0.02	107.	77-121	L152734-07	WG154424
1,4-Dichlorobenzene	mg/l	0.0192	0.00	0.05	38.3	60-123	L152734-07	WG154424

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Raleigh, NC 27607

Quality Assurance Report
Level II

L152734

May 05, 2004

2,2-Dichloropropane	mg/l	0.0181	0.00	0.02	90.3	40-148	L152734-07	WG154424

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
2-Butanone (MEK)	mg/l	0.0978	0.00	0.1	97.8	26-114	L152734-07	WG154424
2-Chlorotoluene	mg/l	0.0194	0.00	0.02	97.0	62-120	L152734-07	WG154424
4-Chlorotoluene	mg/l	0.0196	0.00	0.02	97.8	63-123	L152734-07	WG154424
4-Methyl-2-pentanone (MIBK)	mg/l	0.100	0.00	0.1	100.	56-133	L152734-07	WG154424
Acetone	mg/l	0.0944	0.0760	0.1	18.4	13-145	L152734-07	WG154424
Acrolein	mg/l	0.0364	0.00	0.1	36.4	14-90	L152734-07	WG154424
Acrylonitrile	mg/l	0.0880	0.00	0.1	88.0	33-128	L152734-07	WG154424
Benzene	mg/l	0.0190	0.00	0.02	95.1	66-127	L152734-07	WG154424
Bromobenzene	mg/l	0.0201	0.00	0.02	100.	67-134	L152734-07	WG154424
Bromodichloromethane	mg/l	0.0198	0.00	0.02	98.8	57-126	L152734-07	WG154424
Bromoform	mg/l	0.0156	0.00	0.02	77.9	52-130	L152734-07	WG154424
Bromomethane	mg/l	0.0182	0.00	0.02	91.1	17-150	L152734-07	WG154424
Carbon tetrachloride	mg/l	0.0152	0.00	0.02	76.0	42-141	L152734-07	WG154424
Chlorobenzene	mg/l	0.0194	0.00	0.02	96.8	66-125	L152734-07	WG154424
Chlorodibromomethane	mg/l	0.0169	0.00	0.02	84.5	58-123	L152734-07	WG154424
Chloroethane	mg/l	0.0222	0.00	0.02	111.	29-131	L152734-07	WG154424
Chloroform	mg/l	0.0191	0.00	0.02	95.5	46-136	L152734-07	WG154424
Chloromethane	mg/l	0.0230	0.00	0.02	115.	26-120	L152734-07	WG154424
cis-1,2-Dichloroethene	mg/l	0.0221	0.0014	0.02	104.	59-133	L152734-07	WG154424
Di-isopropyl ether	mg/l	0.0249	0.0045	0.02	102.	41-135	L152734-07	WG154424
Dibromomethane	mg/l	0.0217	0.00	0.02	109.	64-119	L152734-07	WG154424
Dichlorodifluoromethane	mg/l	0.0282	0.00	0.02	141.	13-113	L152734-07	WG154424
Ethylbenzene	mg/l	0.0191	0.00	0.02	95.3	61-123	L152734-07	WG154424
Hexachlorobutadiene	mg/l	0.0169	0.00	0.02	84.6	39-138	L152734-07	WG154424
Isopropylbenzene	mg/l	0.0184	0.00	0.02	91.9	56-120	L152734-07	WG154424
m&p-Xylenes	mg/l	0.0391	0.00	0.04	97.8	71-127	L152734-07	WG154424
Methyl tert-butyl ether	mg/l	0.0144	0.00	0.02	72.1	56-144	L152734-07	WG154424
Methylene Chloride	mg/l	0.0199	0.00	0.02	99.5	55-123	L152734-07	WG154424
n-Butylbenzene	mg/l	0.0177	0.00	0.02	88.5	43-139	L152734-07	WG154424
n-Propylbenzene	mg/l	0.0189	0.00	0.02	94.3	57-127	L152734-07	WG154424
Naphthalene	mg/l	0.0153	0.00	0.05	30.5	39-122	L152734-07	WG154424
o-Xylene	mg/l	0.0191	0.00	0.02	95.4	70-126	L152734-07	WG154424
p-Isopropyltoluene	mg/l	0.0193	0.00	0.02	96.3	58-127	L152734-07	WG154424
sec-Butylbenzene	mg/l	0.0192	0.00	0.02	95.8	55-124	L152734-07	WG154424
Styrene	mg/l	0.0195	0.00	0.02	97.4	61-119	L152734-07	WG154424
tert-Butylbenzene	mg/l	0.0191	0.00	0.02	95.5	58-129	L152734-07	WG154424
Tetrachloroethene	mg/l	0.0184	0.00	0.02	92.1	49-144	L152734-07	WG154424
Toluene	mg/l	0.0182	0.00	0.02	90.8	59-123	L152734-07	WG154424
trans-1,2-Dichloroethene	mg/l	0.0207	0.00	0.02	103.	53-145	L152734-07	WG154424
Trichloroethene	mg/l	0.0197	0.00	0.02	98.5	61-141	L152734-07	WG154424
Trichlorofluoromethane	mg/l	0.0193	0.00	0.02	96.3	24-113	L152734-07	WG154424
Vinyl chloride	mg/l	0.0220	0.00	0.02	110.	26-110	L152734-07	WG154424

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Lead	mg/l	0.983	0.980	0.306	20	98.3	L152758-06	WG154070
1,1,1,2-Tetrachloroethane	mg/l	0.0186	0.0183	1.79	16	92.9	L152734-07	WG154424
1,1,1-Trichloroethane	mg/l	0.0165	0.0169	2.03	28	82.7	L152734-07	WG154424
1,1,2,2-Tetrachloroethane	mg/l	0.0213	0.0218	2.69	10	106.	L152734-07	WG154424
1,1,2-Trichloroethane	mg/l	0.0210	0.0210	0.00	16	105.	L152734-07	WG154424
1,1-Dichloroethane	mg/l	0.0228	0.0235	2.85	17	97.1	L152734-07	WG154424
1,1-Dichloroethene	mg/l	0.0218	0.0227	3.87	36	109.	L152734-07	WG154424
1,1-Dichloropropene	mg/l	0.0190	0.0192	1.26	33	95.0	L152734-07	WG154424
1,2,3-Trichlorobenzene	mg/l	0.0198	0.0184	7.26	17	99.2	L152734-07	WG154424
1,2,3-Trichloropropane	mg/l	0.0204	0.0212	3.66	13	102.	L152734-07	WG154424
1,2,4-Trichlorobenzene	mg/l	0.0193	0.0178	8.26	25	38.6	L152734-07	WG154424
1,2,4-Trimethylbenzene	mg/l	0.0203	0.0202	0.692	29	101.	L152734-07	WG154424

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Quality Assurance Report
Level II

L152734

May 05, 2004

1,2-Dibromo-3-Chloropropane	mg/l	0.0163	0.0168	2.54	21	81.7	L152734-07	WG154424

	Matrix Spike Duplicate						
Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,2-Dibromoethane	mg/l	0.0212	0.0217	2.38	19	106.	L152734-07	WG154424
1,2-Dichlorobenzene	mg/l	0.0194	0.0191	1.19	16	38.7	L152734-07	WG154424
1,2-Dichloroethane	mg/l	0.0213	0.0221	3.41	13	107.	L152734-07	WG154424
1,2-Dichloropropane	mg/l	0.0209	0.0206	1.35	14	105.	L152734-07	WG154424
1,3,5-Trimethylbenzene	mg/l	0.0196	0.0195	0.256	28	97.8	L152734-07	WG154424
1,3-Dichlorobenzene	mg/l	0.0196	0.0192	1.80	25	39.1	L152734-07	WG154424
1,3-Dichloropropane	mg/l	0.0210	0.0213	1.70	15	105.	L152734-07	WG154424
1,4-Dichlorobenzene	mg/l	0.0191	0.0192	0.366	18	38.2	L152734-07	WG154424
2,2-Dichloropropane	mg/l	0.0181	0.0181	0.166	31	90.4	L152734-07	WG154424
2-Butanone (MEK)	mg/l	0.0871	0.0978	11.6	10	87.1	L152734-07	WG154424
2-Chlorotoluene	mg/l	0.0196	0.0194	0.924	24	97.9	L152734-07	WG154424
4-Chlorotoluene	mg/l	0.0198	0.0196	1.17	22	98.9	L152734-07	WG154424
4-Methyl-2-pentanone (MIBK)	mg/l	0.0925	0.100	7.97	12	92.5	L152734-07	WG154424
Acetone	mg/l	0.0886	0.0944	6.31	23	12.6	L152734-07	WG154424
Acrolein	mg/l	0.0294	0.0364	21.2	34	29.4	L152734-07	WG154424
Acrylonitrile	mg/l	0.0809	0.0880	8.50	13	80.9	L152734-07	WG154424
Benzene	mg/l	0.0186	0.0190	2.45	20	92.8	L152734-07	WG154424
Bromobenzene	mg/l	0.0201	0.0201	0.249	22	101.	L152734-07	WG154424
Bromodichloromethane	mg/l	0.0199	0.0198	0.807	13	99.6	L152734-07	WG154424
Bromoform	mg/l	0.0166	0.0156	6.10	18	82.8	L152734-07	WG154424
Bromomethane	mg/l	0.0180	0.0182	1.16	20	90.1	L152734-07	WG154424
Carbon tetrachloride	mg/l	0.0156	0.0152	2.60	36	78.0	L152734-07	WG154424
Chlorobenzene	mg/l	0.0192	0.0194	0.674	21	96.2	L152734-07	WG154424
Chlorodibromomethane	mg/l	0.0174	0.0169	3.15	17	87.2	L152734-07	WG154424
Chloroethane	mg/l	0.0211	0.0222	5.13	25	106.	L152734-07	WG154424
Chloroform	mg/l	0.0190	0.0191	0.736	26	94.8	L152734-07	WG154424
Chloromethane	mg/l	0.0233	0.0230	1.38	31	116.	L152734-07	WG154424
cis-1,2-Dichloroethene	mg/l	0.0215	0.0221	2.89	18	100.	L152734-07	WG154424
Di-isopropyl ether	mg/l	0.0245	0.0249	1.86	48	99.8	L152734-07	WG154424
Dibromomethane	mg/l	0.0208	0.0217	4.47	12	104.	L152734-07	WG154424
Dichlorodifluoromethane	mg/l	0.0281	0.0282	0.462	28	140.	L152734-07	WG154424
Ethylbenzene	mg/l	0.0191	0.0191	0.210	25	95.5	L152734-07	WG154424
Hexachlorobutadiene	mg/l	0.0179	0.0169	5.80	36	89.6	L152734-07	WG154424
Isopropylbenzene	mg/l	0.0189	0.0184	2.95	29	94.6	L152734-07	WG154424
m&p-Xylenes	mg/l	0.0393	0.0391	0.510	22	98.3	L152734-07	WG154424
Methyl tert-butyl ether	mg/l	0.0140	0.0144	2.96	16	70.0	L152734-07	WG154424
Methylene Chloride	mg/l	0.0194	0.0199	2.44	16	97.1	L152734-07	WG154424
n-Butylbenzene	mg/l	0.0182	0.0177	2.95	30	91.1	L152734-07	WG154424
n-Propylbenzene	mg/l	0.0191	0.0189	1.06	30	95.3	L152734-07	WG154424
Naphthalene	mg/l	0.0167	0.0153	9.08	39	33.4	L152734-07	WG154424
o-Xylene	mg/l	0.0189	0.0191	0.948	20	94.5	L152734-07	WG154424
p-Isopropyltoluene	mg/l	0.0197	0.0193	2.21	36	98.4	L152734-07	WG154424
sec-Butylbenzene	mg/l	0.0194	0.0192	1.09	32	96.8	L152734-07	WG154424
Styrene	mg/l	0.0195	0.0195	0.308	21	97.7	L152734-07	WG154424
tert-Butylbenzene	mg/l	0.0191	0.0191	0.209	30	95.7	L152734-07	WG154424
Tetrachloroethene	mg/l	0.0185	0.0184	0.650	32	92.7	L152734-07	WG154424
Toluene	mg/l	0.0179	0.0182	1.72	17	89.3	L152734-07	WG154424
trans-1,2-Dichloroethene	mg/l	0.0201	0.0207	2.70	27	101.	L152734-07	WG154424
Trichloroethene	mg/l	0.0197	0.0197	0.102	25	98.4	L152734-07	WG154424
Trichlorofluoromethane	mg/l	0.0187	0.0193	2.84	41	93.6	L152734-07	WG154424
Vinyl chloride	mg/l	0.0214	0.0220	2.53	36	107.	L152734-07	WG154424

Batch number /Run number / Sample number cross reference

WG154070: R194371: L152734-01 02 03 04 05 06 07
WG154129: R194561: L152734-04 05 06
WG154322: R194617: L152734-01 02 03 04 06
WG154424: R194785: L152734-07

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Level II

L152734

May 05, 2004

WG154923: R194962: L152734-05

* See Attachment B of standard report for list of qualifiers.
* Calculations are performed prior to rounding of reported values .

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Level II

L152734

May 05, 2004

ESC Level 2 Data Package

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of regent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Quantum Environmental Inc.

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Raleigh,NC 27607

Alternate billing information:

Chain of Custody
Page 3 of 3

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Mr. Tom Davis
Email: tdavis@QUANTUMCOs.com
Project Description: Nello Teer
City/State Collected: NC
Phone: (919) 852-3595
FAX: (919) 852-1997
Client Project #: 001394012
Lab Project #: QUANTUM-001394012
Collected by (print): DAVIS
Site/Facility ID#:
P.O.#:
Collected by (signature):
Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
___Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

CoCode: QUANTUM (lab use only)
Template/Prelogin: T24102/ P109394
Cooler #: 3/31/04 CC
Shipped Via: FedEX Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Metals 250mlHDPE-HNO3	SV625 1L-Amb-NaTio	V6210 40mlAmb-HCl					Remarks/Contaminant	Sample # (lab only)
RW-5	G	GW		4/27/04	1330	3	X		X					L152734-01	
RW-6		GW			1445	3	X		X					-02	
RW-7		GW			1455	3	X		X					-03	
~~RW-4~~ MW-28D		GW			1355	4	X	X	X					-04	
~~RW-8~~ RW-1		GW		4/27/04	1110	4	X	X	X					-05	
~~RW-9~~		GW				4	~~X~~	~~X~~	~~X~~						
~~RW-10~~		GW				4	~~X~~	~~X~~	~~X~~						
MW-20D		GW		4/27/04	1130	4	X	X	X					-06	
MW-13		GW		"	1523	3	X		X					-07	

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐	Condition: (lab use only)
	4/27/04	1645	Fed Ex		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.7C Bottles Received: 25	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4-28-04 Time: 09:30	pH Checked: C2 / NCF:

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-1

Collected By : Tom Davis
Collection Date : 04/23/04 13:05

ESC Sample # : L152439-01

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/24/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/26/04	1
Acrolein	BDL	50.	ug/l	6210D	04/26/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/26/04	1
Benzene	BDL	1.0	ug/l	6210D	04/26/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/26/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/26/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/26/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/26/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/26/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/26/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/26/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/26/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/26/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-1

Collected By : Tom Davis
Collection Date : 04/23/04 13:05

ESC Sample # : L152439-01

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/26/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/26/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/26/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/26/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/26/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/26/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/26/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Styrene	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
Toluene	BDL	5.0	ug/l	6210D	04/26/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/26/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/26/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/26/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/26/04	1
Dibromofluoromethane	110		% Rec.	6210D	04/26/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/26/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-7

Collected By : Tom Davis
Collection Date : 04/23/04 13:32

ESC Sample # : L152439-02

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/24/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/26/04	1
Acrolein	BDL	50.	ug/l	6210D	04/26/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/26/04	1
Benzene	BDL	1.0	ug/l	6210D	04/26/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/26/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/26/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/26/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/26/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/26/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/26/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/26/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/26/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/26/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-7

Collected By : Tom Davis
Collection Date : 04/23/04 13:32

ESC Sample # : L152439-02

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/26/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/26/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/26/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/26/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/26/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/26/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/26/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Styrene	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
Toluene	BDL	5.0	ug/l	6210D	04/26/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/26/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/26/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/26/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/26/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/26/04	1
4-Bromofluorobenzene	99.		% Rec.	6210D	04/26/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

ESC Sample # : L152439-03

Site ID :

Project # : 001394012

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-9

Collected By : Tom Davis
Collection Date : 04/23/04 15:44

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/24/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/26/04	1
Acrolein	BDL	50.	ug/l	6210D	04/26/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/26/04	1
Benzene	BDL	1.0	ug/l	6210D	04/26/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/26/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/26/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/26/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/26/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/26/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/26/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/26/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/26/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/26/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

ESC Sample # : L152439-03

Site ID :

Project # : 001394012

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-9

Collected By : Tom Davis
Collection Date : 04/23/04 15:44

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/26/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/26/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/26/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/26/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/26/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/26/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/26/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Styrene	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
Toluene	BDL	5.0	ug/l	6210D	04/26/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/26/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/26/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/26/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/26/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/26/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/26/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/26/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/26/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/26/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/26/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/27/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/27/04	1
Anthracene	BDL	10.	ug/l	625	04/27/04	1
Benzidine	BDL	50.	ug/l	625	04/27/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/27/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/27/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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SCIENCE CORP.

12065 Lebanon Rd.
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(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-9

Collected By : Tom Davis
Collection Date : 04/23/04 15:44

ESC Sample # : L152439-03

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/27/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/27/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/27/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/27/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/27/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/27/04	1
Chrysene	BDL	10.	ug/l	625	04/27/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/27/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/27/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/27/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/27/04	1
Fluoranthene	BDL	10.	ug/l	625	04/27/04	1
Fluorene	BDL	10.	ug/l	625	04/27/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/27/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/27/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/27/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/27/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/27/04	1
Isophorone	BDL	10.	ug/l	625	04/27/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/27/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/27/04	1
Naphthalene	BDL	10.	ug/l	625	04/27/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/27/04	1
Phenanthrene	BDL	10.	ug/l	625	04/27/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/27/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Pyrene	BDL	10.	ug/l	625	04/27/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/27/04	1
Acid Extractables						

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

ESC Sample # : L152439-03

Site ID :

Project # : 001394012

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-9

Collected By : Tom Davis
Collection Date : 04/23/04 15:44

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/27/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/27/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/27/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/27/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/27/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/27/04	1
Phenol	BDL	10.	ug/l	625	04/27/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/27/04	1
Surrogate Recovery						
Nitrobenzene-d5	47.		% Rec.	625	04/27/04	1
2-Fluorobiphenyl	46.		% Rec.	625	04/27/04	1
p-Terphenyl-d14	46.		% Rec.	625	04/27/04	1
Phenol-d5	24.		% Rec.	625	04/27/04	1
2-Fluorophenol	37.		% Rec.	625	04/27/04	1
2,4,6-Tribromophenol	78.		% Rec.	625	04/27/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
The reported analytical results relate only to the sample submitted.
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Reported: 04/29/04 15:37 Printed: 04/29/04 15:38

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-11

Collected By : Tom Davis
Collection Date : 04/23/04 16:30

ESC Sample # : L152439-04

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/24/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/27/04	1
Acrolein	BDL	50.	ug/l	6210D	04/27/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/27/04	1
Benzene	BDL	1.0	ug/l	6210D	04/27/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/27/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/27/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/27/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/27/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/27/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/27/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/27/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/27/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloroethane	1.2	1.0	ug/l	6210D	04/27/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/27/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
L152439-04 (SV625TIC) - No extra bottles, cannot be re-extracted

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

ESC Sample # : L152439-04

Site ID :

Project # : 001394012

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-11

Collected By : Tom Davis
Collection Date : 04/23/04 16:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/27/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/27/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/27/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/27/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/27/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/27/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/27/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Styrene	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
Toluene	BDL	5.0	ug/l	6210D	04/27/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/27/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/27/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/27/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/27/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/27/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/27/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/27/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/27/04	1
Anthracene	BDL	10.	ug/l	625	04/27/04	1
Benzidine	BDL	50.	ug/l	625	04/27/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/27/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/27/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
L152439-04 (SV625TIC) - No extra bottles, cannot be re-extracted

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-11

Collected By : Tom Davis
Collection Date : 04/23/04 16:30

ESC Sample # : L152439-04

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/27/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/27/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/27/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/27/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/27/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/27/04	1
Chrysene	BDL	10.	ug/l	625	04/27/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/27/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/27/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/27/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/27/04	1
Fluoranthene	BDL	10.	ug/l	625	04/27/04	1
Fluorene	BDL	10.	ug/l	625	04/27/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/27/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/27/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/27/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/27/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/27/04	1
Isophorone	BDL	10.	ug/l	625	04/27/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/27/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/27/04	1
Naphthalene	BDL	10.	ug/l	625	04/27/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/27/04	1
Phenanthrene	BDL	10.	ug/l	625	04/27/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/27/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Pyrene	BDL	10.	ug/l	625	04/27/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/27/04	1
Acid Extractables						

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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L152439-04 (SV625TIC) - No extra bottles, cannot be re-extracted

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

ESC Sample # : L152439-04

Site ID :

Project # : 001394012

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-11

Collected By : Tom Davis
Collection Date : 04/23/04 16:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/27/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/27/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/27/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/27/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/27/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/27/04	1
Phenol	BDL	10.	ug/l	625	04/27/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/27/04	1
Surrogate Recovery						
Nitrobenzene-d5	36.		% Rec.	625	04/27/04	1
2-Fluorobiphenyl	33.		% Rec.	625	04/27/04	1
p-Terphenyl-d14	36.		% Rec.	625	04/27/04	1
Phenol-d5	25.		% Rec.	625	04/27/04	1
2-Fluorophenol	36.		% Rec.	625	04/27/04	1
2,4,6-Tribromophenol	84.		% Rec.	625	04/27/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Reported: 04/29/04 15:37 Printed: 04/29/04 15:38
L152439-04 (SV625TIC) - No extra bottles, cannot be re-extracted

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-23

Collected By : Tom Davis
Collection Date : 04/23/04 14:17

ESC Sample # : L152439-05

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/24/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/28/04	1
Acrolein	BDL	50.	ug/l	6210D	04/28/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/28/04	1
Benzene	11.	1.0	ug/l	6210D	04/28/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/28/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/28/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
n-Butylbenzene	1.1	1.0	ug/l	6210D	04/28/04	1
sec-Butylbenzene	2.6	1.0	ug/l	6210D	04/28/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/28/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/28/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/28/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/28/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/28/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/28/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/28/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
Di-isopropyl ether	7.5	1.0	ug/l	6210D	04/28/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-23

Collected By : Tom Davis
Collection Date : 04/23/04 14:17

ESC Sample # : L152439-05

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	3.6	1.0	ug/l	6210D	04/28/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/28/04	1
Isopropylbenzene	7.1	1.0	ug/l	6210D	04/28/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/28/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/28/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/28/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/28/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/28/04	1
Naphthalene	9.4	5.0	ug/l	6210D	04/28/04	1
n-Propylbenzene	9.8	1.0	ug/l	6210D	04/28/04	1
Styrene	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
Toluene	BDL	5.0	ug/l	6210D	04/28/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,4-Trimethylbenzene	1.3	1.0	ug/l	6210D	04/28/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/28/04	1
o-Xylene	1.2	1.0	ug/l	6210D	04/28/04	1
m&p-Xylenes	4.7	2.0	ug/l	6210D	04/28/04	1
Surrogate Recovery						
Toluene-d8	97.		% Rec.	6210D	04/28/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/28/04	1
4-Bromofluorobenzene	96.		% Rec.	6210D	04/28/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/27/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/27/04	1
Anthracene	BDL	10.	ug/l	625	04/27/04	1
Benzidine	BDL	50.	ug/l	625	04/27/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/27/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/27/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-23

Collected By : Tom Davis
Collection Date : 04/23/04 14:17

ESC Sample # : L152439-05

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/27/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/27/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/27/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/27/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/27/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/27/04	1
Chrysene	BDL	10.	ug/l	625	04/27/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/27/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/27/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/27/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/27/04	1
Fluoranthene	BDL	10.	ug/l	625	04/27/04	1
Fluorene	BDL	10.	ug/l	625	04/27/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/27/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/27/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/27/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/27/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/27/04	1
Isophorone	BDL	10.	ug/l	625	04/27/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/27/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/27/04	1
Naphthalene	BDL	10.	ug/l	625	04/27/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/27/04	1
Phenanthrene	BDL	10.	ug/l	625	04/27/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/27/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Pyrene	BDL	10.	ug/l	625	04/27/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/27/04	1

Acid Extractables

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

ESC Sample # : L152439-05

Site ID :

Project # : 001394012

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-23

Collected By : Tom Davis
Collection Date : 04/23/04 14:17

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/27/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/27/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/27/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/27/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/27/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/27/04	1
Phenol	BDL	10.	ug/l	625	04/27/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/27/04	1
Surrogate Recovery						
Nitrobenzene-d5	41.		% Rec.	625	04/27/04	1
2-Fluorobiphenyl	50.		% Rec.	625	04/27/04	1
p-Terphenyl-d14	96.		% Rec.	625	04/27/04	1
Phenol-d5	34.		% Rec.	625	04/27/04	1
2-Fluorophenol	49.		% Rec.	625	04/27/04	1
2,4,6-Tribromophenol	100		% Rec.	625	04/27/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-15I

Collected By : Tom Davis
Collection Date : 04/23/04 15:05

ESC Sample # : L152439-06

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/24/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/27/04	1
Acrolein	BDL	50.	ug/l	6210D	04/27/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/27/04	1
Benzene	BDL	1.0	ug/l	6210D	04/27/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/27/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/27/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/27/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/27/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/27/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/27/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/27/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/27/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/27/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-15I

Collected By : Tom Davis
Collection Date : 04/23/04 15:05

ESC Sample # : L152439-06

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/27/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/27/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/27/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/27/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/27/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/27/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/27/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Styrene	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
Toluene	BDL	5.0	ug/l	6210D	04/27/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/27/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/27/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/27/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/27/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/27/04	1
4-Bromofluorobenzene	110		% Rec.	6210D	04/27/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/27/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/27/04	1
Anthracene	BDL	10.	ug/l	625	04/27/04	1
Benzidine	BDL	50.	ug/l	625	04/27/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/27/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/27/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

ESC Sample # : L152439-06

Site ID :

Project # : 001394012

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-15I

Collected By : Tom Davis
Collection Date : 04/23/04 15:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/27/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/27/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/27/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/27/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/27/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/27/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/27/04	1
Chrysene	BDL	10.	ug/l	625	04/27/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/27/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/27/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/27/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/27/04	1
Fluoranthene	BDL	10.	ug/l	625	04/27/04	1
Fluorene	BDL	10.	ug/l	625	04/27/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/27/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/27/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/27/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/27/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/27/04	1
Isophorone	BDL	10.	ug/l	625	04/27/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/27/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/27/04	1
Naphthalene	BDL	10.	ug/l	625	04/27/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/27/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/27/04	1
Phenanthrene	BDL	10.	ug/l	625	04/27/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/27/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/27/04	1
Pyrene	BDL	10.	ug/l	625	04/27/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/27/04	1
Acid Extractables						

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

ESC Sample # : L152439-06

Site ID :

Project # : 001394012

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-15I

Collected By : Tom Davis
Collection Date : 04/23/04 15:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/27/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/27/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/27/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/27/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/27/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/27/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/27/04	1
Phenol	BDL	10.	ug/l	625	04/27/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/27/04	1
Surrogate Recovery						
Nitrobenzene-d5	29.		% Rec.	625	04/27/04	1
2-Fluorobiphenyl	39.		% Rec.	625	04/27/04	1
p-Terphenyl-d14	67.		% Rec.	625	04/27/04	1
Phenol-d5	27.		% Rec.	625	04/27/04	1
2-Fluorophenol	37.		% Rec.	625	04/27/04	1
2,4,6-Tribromophenol	67.		% Rec.	625	04/27/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-17

Collected By : Tom Davis
Collection Date : 04/23/04 16:53

ESC Sample # : L152439-07

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/24/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/27/04	1
Acrolein	BDL	50.	ug/l	6210D	04/27/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/27/04	1
Benzene	BDL	1.0	ug/l	6210D	04/27/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/27/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/27/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/27/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/27/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/27/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/27/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/27/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/27/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloroethane	2.6	1.0	ug/l	6210D	04/27/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/27/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

April 29,2004

Date Received : April 24, 2004
Description : Nello Teer

Sample ID : MW-17

Collected By : Tom Davis
Collection Date : 04/23/04 16:53

ESC Sample # : L152439-07

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/27/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/27/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/27/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/27/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/27/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/27/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/27/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Styrene	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
Toluene	BDL	5.0	ug/l	6210D	04/27/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/27/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/27/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/27/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/27/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/27/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/27/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/27/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/27/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/27/04	1
4-Bromofluorobenzene	100		% Rec.	6210D	04/27/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L152439-01	Acrolein	J3
	Chloromethane	J4
	Dichlorodifluoromethane	J4
	Vinyl chloride	J4
L152439-02	Acrolein	J3
	Chloromethane	J4
	Dichlorodifluoromethane	J4
	Vinyl chloride	J4
L152439-03	Acrolein	J3
	Chloromethane	J4
	Dichlorodifluoromethane	J4
	Vinyl chloride	J4
	Naphthalene	J3
L152439-04	Bromomethane	J4
	n-Butylbenzene	J4
	1,2,3-Trichlorobenzene	J4
	1,2,4-Trichlorobenzene	J4
	Naphthalene	J3
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
	p-Terphenyl-d14	J2
L152439-05	Chloromethane	J4
	Dichlorodifluoromethane	J4
	1,2-Dichloropropane	J3
	Trichlorofluoromethane	J4
	Vinyl chloride	J4
	Acenaphthene	J3
	Acenaphthylene	J3
	Benzo(b)fluoranthene	V3
	Benzo(k)fluoranthene	V3
	Benzo(g,h,i)perylene	V3
	Benzo(a)pyrene	V3
	Bis(2-chlorethoxy)methane	J3
	Bis(2-chloroethyl)ether	J3
	Bis(2-chloroisopropyl)ether	J3
	4-Bromophenyl-phenylether	J3
	4-Chlorophenyl-phenylether	J3
	Dibenz(a,h)anthracene	V3
	Hexachloro-1,3-butadiene	J3
	Hexachlorocyclopentadiene	J3
	Hexachloroethane	J3
	Indeno(1,2,3-cd)pyrene	V3
	Isophorone	J4J3
	1-Methylnaphthalene	J3
	2-Methylnaphthalene	J3
	Naphthalene	J3
	Nitrobenzene	J3
	n-Nitrosodimethylamine	J3
	n-Nitrosodiphenylamine	J4
	n-Nitrosodi-n-propylamine	J3
	1,2,4-Trichlorobenzene	J3
	2-Chlorophenol	J3
	2,4-Dichlorophenol	J3
	2,4-Dimethylphenol	J3
	4-Nitrophenol	J3
	Phenol	J3
	Nitrobenzene-d5	J2
L152439-06	Bromomethane	J4
	n-Butylbenzene	J4
	1,2,3-Trichlorobenzene	J4
	1,2,4-Trichlorobenzene	J4
	Acenaphthene	J3
	Acenaphthylene	J3
	Benzo(b)fluoranthene	V3
	Benzo(k)fluoranthene	V3
	Benzo(g,h,i)perylene	V3
	Benzo(a)pyrene	V3
	Bis(2-chlorethoxy)methane	J3
	Bis(2-chloroethyl)ether	J3

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
	Bis(2-chloroisopropyl)ether	J3
	2-Chloronaphthalene	J3
	Dibenz(a,h)anthracene	V3
	Hexachloro-1,3-butadiene	J3
	Hexachlorocyclopentadiene	J3
	Hexachloroethane	J3
	Indeno(1,2,3-cd)pyrene	V3
	Isophorone	J4J3
	1-Methylnaphthalene	J3
	2-Methylnaphthalene	J3
	Naphthalene	J3
	Nitrobenzene	J3
	n-Nitrosodimethylamine	J3
	n-Nitrosodiphenylamine	J4
	n-Nitrosodi-n-propylamine	J3
	1,2,4-Trichlorobenzene	J3
	2-Chlorophenol	J3
	2,4-Dichlorophenol	J3
	2,4-Dimethylphenol	J3
	4-Nitrophenol	J3
	Phenol	J3
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
L152439-07	Bromomethane	J4
	n-Butylbenzene	J4
	1,2,3-Trichlorobenzene	J4
	1,2,4-Trichlorobenzene	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
V3	(ESC) - Additional QC Info: The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits					
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126	83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129	72-126

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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Est. 1970

Quantum Environmental Inc.
Mr. Tom Davis
6001 Chapel Hill Road, Suite 108

Raleigh, NC 27607

Quality Assurance Report
Level II

L152439

April 29, 2004

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Lead	< .005	mg/l	04/24/04 21:51	WG153609
Lead	< .005	mg/l	04/27/04 19:14	WG153609
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/25/04 23:23	WG153679
1,1,1-Trichloroethane	< .001	mg/l	04/25/04 23:23	WG153679
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/25/04 23:23	WG153679
1,1,2-Trichloroethane	< .001	mg/l	04/25/04 23:23	WG153679
1,1-Dichloroethane	< .001	mg/l	04/25/04 23:23	WG153679
1,1-Dichloroethene	< .001	mg/l	04/25/04 23:23	WG153679
1,1-Dichloropropene	< .001	mg/l	04/25/04 23:23	WG153679
1,2,3-Trichlorobenzene	< .001	mg/l	04/25/04 23:23	WG153679
1,2,3-Trichloropropane	< .001	mg/l	04/25/04 23:23	WG153679
1,2,4-Trichlorobenzene	< .001	mg/l	04/25/04 23:23	WG153679
1,2,4-Trimethylbenzene	< .001	mg/l	04/25/04 23:23	WG153679
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/25/04 23:23	WG153679
1,2-Dibromoethane	< .001	mg/l	04/25/04 23:23	WG153679
1,2-Dichlorobenzene	< .001	mg/l	04/25/04 23:23	WG153679
1,2-Dichloroethane	< .001	mg/l	04/25/04 23:23	WG153679
1,2-Dichloropropane	< .001	mg/l	04/25/04 23:23	WG153679
1,3,5-Trimethylbenzene	< .001	mg/l	04/25/04 23:23	WG153679
1,3-Dichlorobenzene	< .001	mg/l	04/25/04 23:23	WG153679
1,3-Dichloropropane	< .001	mg/l	04/25/04 23:23	WG153679
1,4-Dichlorobenzene	< .001	mg/l	04/25/04 23:23	WG153679
2,2-Dichloropropane	< .001	mg/l	04/25/04 23:23	WG153679
2-Butanone (MEK)	< .01	mg/l	04/25/04 23:23	WG153679
2-Chlorotoluene	< .001	mg/l	04/25/04 23:23	WG153679
4-Chlorotoluene	< .001	mg/l	04/25/04 23:23	WG153679
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/25/04 23:23	WG153679
Acetone	< .025	mg/l	04/25/04 23:23	WG153679
Acrolein	< .001	mg/l	04/25/04 23:23	WG153679
Acrylonitrile	< .01	mg/l	04/25/04 23:23	WG153679
Benzene	< .001	mg/l	04/25/04 23:23	WG153679
Bromobenzene	< .001	mg/l	04/25/04 23:23	WG153679
Bromodichloromethane	< .001	mg/l	04/25/04 23:23	WG153679
Bromoform	< .001	mg/l	04/25/04 23:23	WG153679
Bromomethane	< .001	mg/l	04/25/04 23:23	WG153679
Carbon tetrachloride	< .001	mg/l	04/25/04 23:23	WG153679
Chlorobenzene	< .001	mg/l	04/25/04 23:23	WG153679
Chlorodibromomethane	< .001	mg/l	04/25/04 23:23	WG153679
Chloroethane	< .001	mg/l	04/25/04 23:23	WG153679
Chloroform	< .005	mg/l	04/25/04 23:23	WG153679
Chloromethane	< .001	mg/l	04/25/04 23:23	WG153679
cis-1,2-Dichloroethene	< .001	mg/l	04/25/04 23:23	WG153679
Di-isopropyl ether	< .001	mg/l	04/25/04 23:23	WG153679
Dibromomethane	< .001	mg/l	04/25/04 23:23	WG153679
Dichlorodifluoromethane	< .001	mg/l	04/25/04 23:23	WG153679
Ethylbenzene	< .001	mg/l	04/25/04 23:23	WG153679
Hexachlorobutadiene	< .001	mg/l	04/25/04 23:23	WG153679
Isopropylbenzene	< .001	mg/l	04/25/04 23:23	WG153679
m&p-Xylenes	< .002	mg/l	04/25/04 23:23	WG153679
Methyl tert-butyl ether	< .001	mg/l	04/25/04 23:23	WG153679
Methylene Chloride	< .005	mg/l	04/25/04 23:23	WG153679
n-Butylbenzene	< .001	mg/l	04/25/04 23:23	WG153679
n-Propylbenzene	< .001	mg/l	04/25/04 23:23	WG153679
Naphthalene	< .005	mg/l	04/25/04 23:23	WG153679
o-Xylene	< .001	mg/l	04/25/04 23:23	WG153679
p-Isopropyltoluene	< .001	mg/l	04/25/04 23:23	WG153679
sec-Butylbenzene	< .001	mg/l	04/25/04 23:23	WG153679
Styrene	< .001	mg/l	04/25/04 23:23	WG153679
tert-Butylbenzene	< .001	mg/l	04/25/04 23:23	WG153679

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

Quantum Environmental Inc.
Mr. Tom Davis
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

Quality Assurance Report
Level II

L152439

April 29, 2004

Tetrachloroethene	< .001	mg/l	04/25/04 23:23	WG153679

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Toluene	< .005	mg/l	04/25/04 23:23	WG153679
trans-1,2-Dichloroethene	< .001	mg/l	04/25/04 23:23	WG153679
Trichloroethene	< .001	mg/l	04/25/04 23:23	WG153679
Trichlorofluoromethane	< .001	mg/l	04/25/04 23:23	WG153679
Vinyl chloride	< .001	mg/l	04/25/04 23:23	WG153679
1,2,4-Trichlorobenzene	< .01	ppm	04/26/04 16:50	WG153735
1-Methylnaphthalene	< .01	ppm	04/26/04 16:50	WG153735
2,4,6-Trichlorophenol	< .01	ppm	04/26/04 16:50	WG153735
2,4-Dichlorophenol	< .01	ppm	04/26/04 16:50	WG153735
2,4-Dimethylphenol	< .01	ppm	04/26/04 16:50	WG153735
2,4-Dinitrophenol	< .01	ppm	04/26/04 16:50	WG153735
2,4-Dinitrotoluene	< .01	ppm	04/26/04 16:50	WG153735
2,6-Dinitrotoluene	< .01	ppm	04/26/04 16:50	WG153735
2-Chloronaphthalene	< .01	ppm	04/26/04 16:50	WG153735
2-Chlorophenol	< .01	ppm	04/26/04 16:50	WG153735
2-Methylnaphthalene	< .01	ppm	04/26/04 16:50	WG153735
2-Nitrophenol	< .01	ppm	04/26/04 16:50	WG153735
3,3'-Dichlorobenzidine	< .01	ppm	04/26/04 16:50	WG153735
4,6-Dinitro-2-methylphenol	< .01	ppm	04/26/04 16:50	WG153735
4-Bromophenyl-phenylether	< .01	ppm	04/26/04 16:50	WG153735
4-Chloro-3-methylphenol	< .01	ppm	04/26/04 16:50	WG153735
4-Chlorophenyl-phenylether	< .01	ppm	04/26/04 16:50	WG153735
4-Nitrophenol	< .01	ppm	04/26/04 16:50	WG153735
Acenaphthene	< .01	ppm	04/26/04 16:50	WG153735
Acenaphthylene	< .01	ppm	04/26/04 16:50	WG153735
Anthracene	< .01	ppm	04/26/04 16:50	WG153735
Benzidine	< .01	ppm	04/26/04 16:50	WG153735
Benzo(a)anthracene	< .01	ppm	04/26/04 16:50	WG153735
Benzo(a)pyrene	< .01	ppm	04/26/04 16:50	WG153735
Benzo(b)fluoranthene	< .01	ppm	04/26/04 16:50	WG153735
Benzo(g,h,i)perylene	< .01	ppm	04/26/04 16:50	WG153735
Benzo(k)fluoranthene	< .01	ppm	04/26/04 16:50	WG153735
Benzylbutyl phthalate	< .01	ppm	04/26/04 16:50	WG153735
Bis(2-chlorethoxy)methane	< .01	ppm	04/26/04 16:50	WG153735
Bis(2-chloroethyl)ether	< .01	ppm	04/26/04 16:50	WG153735
Bis(2-chloroisopropyl)ether	< .01	ppm	04/26/04 16:50	WG153735
Bis(2-ethylhexyl)phthalate	< .01	ppm	04/26/04 16:50	WG153735
Chrysene	< .01	ppm	04/26/04 16:50	WG153735
Di-n-butyl phthalate	< .01	ppm	04/26/04 16:50	WG153735
Di-n-octyl phthalate	< .01	ppm	04/26/04 16:50	WG153735
Dibenz(a,h)anthracene	< .01	ppm	04/26/04 16:50	WG153735
Diethyl phthalate	< .01	ppm	04/26/04 16:50	WG153735
Dimethyl phthalate	< .01	ppm	04/26/04 16:50	WG153735
Fluoranthene	< .01	ppm	04/26/04 16:50	WG153735
Fluorene	< .01	ppm	04/26/04 16:50	WG153735
Hexachloro-1,3-butadiene	< .01	ppm	04/26/04 16:50	WG153735
Hexachlorobenzene	< .01	ppm	04/26/04 16:50	WG153735
Hexachlorocyclopentadiene	< .01	ppm	04/26/04 16:50	WG153735
Hexachloroethane	< .01	ppm	04/26/04 16:50	WG153735
Indeno(1,2,3-cd)pyrene	< .01	ppm	04/26/04 16:50	WG153735
Isophorone	< .01	ppm	04/26/04 16:50	WG153735
n-Nitrosodi-n-propylamine	< .01	ppm	04/26/04 16:50	WG153735
n-Nitrosodimethylamine	< .01	ppm	04/26/04 16:50	WG153735
n-Nitrosodiphenylamine	< .01	ppm	04/26/04 16:50	WG153735
Naphthalene	< .01	ppm	04/26/04 16:50	WG153735
Nitrobenzene	< .01	ppm	04/26/04 16:50	WG153735
Pentachlorophenol	< .01	ppm	04/26/04 16:50	WG153735
Phenanthrene	< .01	ppm	04/26/04 16:50	WG153735

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Raleigh, NC 27607

Quality Assurance Report
Level II

L152439

April 29, 2004

Phenol	< .01	ppm	04/26/04 16:50	WG153735

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Pyrene	< .01	ppm	04/26/04 16:50	WG153735
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/27/04 09:22	WG153789
1,1,1-Trichloroethane	< .001	mg/l	04/27/04 09:22	WG153789
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/27/04 09:22	WG153789
1,1,2-Trichloroethane	< .001	mg/l	04/27/04 09:22	WG153789
1,1-Dichloroethane	< .001	mg/l	04/27/04 09:22	WG153789
1,1-Dichloroethene	< .001	mg/l	04/27/04 09:22	WG153789
1,1-Dichloropropene	< .001	mg/l	04/27/04 09:22	WG153789
1,2,3-Trichlorobenzene	< .001	mg/l	04/27/04 09:22	WG153789
1,2,3-Trichloropropane	< .001	mg/l	04/27/04 09:22	WG153789
1,2,4-Trichlorobenzene	< .001	mg/l	04/27/04 09:22	WG153789
1,2,4-Trimethylbenzene	< .001	mg/l	04/27/04 09:22	WG153789
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/27/04 09:22	WG153789
1,2-Dibromoethane	< .001	mg/l	04/27/04 09:22	WG153789
1,2-Dichlorobenzene	< .001	mg/l	04/27/04 09:22	WG153789
1,2-Dichloroethane	< .001	mg/l	04/27/04 09:22	WG153789
1,2-Dichloropropane	< .001	mg/l	04/27/04 09:22	WG153789
1,3,5-Trimethylbenzene	< .001	mg/l	04/27/04 09:22	WG153789
1,3-Dichlorobenzene	< .001	mg/l	04/27/04 09:22	WG153789
1,3-Dichloropropane	< .001	mg/l	04/27/04 09:22	WG153789
1,4-Dichlorobenzene	< .001	mg/l	04/27/04 09:22	WG153789
2,2-Dichloropropane	< .001	mg/l	04/27/04 09:22	WG153789
2-Butanone (MEK)	< .01	mg/l	04/27/04 09:22	WG153789
2-Chlorotoluene	< .001	mg/l	04/27/04 09:22	WG153789
4-Chlorotoluene	< .001	mg/l	04/27/04 09:22	WG153789
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/27/04 09:22	WG153789
Acetone	< .025	mg/l	04/27/04 09:22	WG153789
Acrolein	< .001	mg/l	04/27/04 09:22	WG153789
Acrylonitrile	< .01	mg/l	04/27/04 09:22	WG153789
Benzene	< .001	mg/l	04/27/04 09:22	WG153789
Bromobenzene	< .001	mg/l	04/27/04 09:22	WG153789
Bromodichloromethane	< .001	mg/l	04/27/04 09:22	WG153789
Bromoform	< .001	mg/l	04/27/04 09:22	WG153789
Bromomethane	< .001	mg/l	04/27/04 09:22	WG153789
Carbon tetrachloride	< .001	mg/l	04/27/04 09:22	WG153789
Chlorobenzene	< .001	mg/l	04/27/04 09:22	WG153789
Chlorodibromomethane	< .001	mg/l	04/27/04 09:22	WG153789
Chloroethane	< .001	mg/l	04/27/04 09:22	WG153789
Chloroform	< .005	mg/l	04/27/04 09:22	WG153789
Chloromethane	< .001	mg/l	04/27/04 09:22	WG153789
cis-1,2-Dichloroethene	< .001	mg/l	04/27/04 09:22	WG153789
Di-isopropyl ether	< .001	mg/l	04/27/04 09:22	WG153789
Dibromomethane	< .001	mg/l	04/27/04 09:22	WG153789
Dichlorodifluoromethane	< .001	mg/l	04/27/04 09:22	WG153789
Ethylbenzene	< .001	mg/l	04/27/04 09:22	WG153789
Hexachlorobutadiene	< .001	mg/l	04/27/04 09:22	WG153789
Isopropylbenzene	< .001	mg/l	04/27/04 09:22	WG153789
m&p-Xylenes	< .002	mg/l	04/27/04 09:22	WG153789
Methyl tert-butyl ether	< .001	mg/l	04/27/04 09:22	WG153789
Methylene Chloride	< .005	mg/l	04/27/04 09:22	WG153789
n-Butylbenzene	< .001	mg/l	04/27/04 09:22	WG153789
n-Propylbenzene	< .001	mg/l	04/27/04 09:22	WG153789
Naphthalene	< .005	mg/l	04/27/04 09:22	WG153789
o-Xylene	< .001	mg/l	04/27/04 09:22	WG153789
p-Isopropyltoluene	< .001	mg/l	04/27/04 09:22	WG153789
sec-Butylbenzene	< .001	mg/l	04/27/04 09:22	WG153789
Styrene	< .001	mg/l	04/27/04 09:22	WG153789
tert-Butylbenzene	< .001	mg/l	04/27/04 09:22	WG153789

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Mr. Tom Davis
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Raleigh, NC 27607

Quality Assurance Report
Level II

L152439

April 29, 2004

Tetrachloroethene	< .001	mg/l	04/27/04 09:22	WG153789

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Toluene	< .005	mg/l	04/27/04 09:22	WG153789
trans-1,2-Dichloroethene	< .001	mg/l	04/27/04 09:22	WG153789
Trichloroethene	< .001	mg/l	04/27/04 09:22	WG153789
Trichlorofluoromethane	< .001	mg/l	04/27/04 09:22	WG153789
Vinyl chloride	< .001	mg/l	04/27/04 09:22	WG153789
1,2,4-Trichlorobenzene	< .01	ppm	04/27/04 15:31	WG153796
1-Methylnaphthalene	< .01	ppm	04/27/04 15:31	WG153796
2,4,6-Trichlorophenol	< .01	ppm	04/27/04 15:31	WG153796
2,4-Dichlorophenol	< .01	ppm	04/27/04 15:31	WG153796
2,4-Dimethylphenol	< .01	ppm	04/27/04 15:31	WG153796
2,4-Dinitrophenol	< .01	ppm	04/27/04 15:31	WG153796
2,4-Dinitrotoluene	< .01	ppm	04/27/04 15:31	WG153796
2,6-Dinitrotoluene	< .01	ppm	04/27/04 15:31	WG153796
2-Chloronaphthalene	< .01	ppm	04/27/04 15:31	WG153796
2-Chlorophenol	< .01	ppm	04/27/04 15:31	WG153796
2-Methylnaphthalene	< .01	ppm	04/27/04 15:31	WG153796
2-Nitrophenol	< .01	ppm	04/27/04 15:31	WG153796
3,3-Dichlorobenzidine	< .01	ppm	04/27/04 15:31	WG153796
4,6-Dinitro-2-methylphenol	< .01	ppm	04/27/04 15:31	WG153796
4-Bromophenyl-phenylether	< .01	ppm	04/27/04 15:31	WG153796
4-Chloro-3-methylphenol	< .01	ppm	04/27/04 15:31	WG153796
4-Chlorophenyl-phenylether	< .01	ppm	04/27/04 15:31	WG153796
4-Nitrophenol	< .01	ppm	04/27/04 15:31	WG153796
Acenaphthene	< .01	ppm	04/27/04 15:31	WG153796
Acenaphthylene	< .01	ppm	04/27/04 15:31	WG153796
Anthracene	< .01	ppm	04/27/04 15:31	WG153796
Benzidine	< .01	ppm	04/27/04 15:31	WG153796
Benzo(a)anthracene	< .01	ppm	04/27/04 15:31	WG153796
Benzo(a)pyrene	< .01	ppm	04/27/04 15:31	WG153796
Benzo(b)fluoranthene	< .01	ppm	04/27/04 15:31	WG153796
Benzo(g,h,i)perylene	< .01	ppm	04/27/04 15:31	WG153796
Benzo(k)fluoranthene	< .01	ppm	04/27/04 15:31	WG153796
Benzylbutyl phthalate	< .01	ppm	04/27/04 15:31	WG153796
Bis(2-chlorethoxy)methane	< .01	ppm	04/27/04 15:31	WG153796
Bis(2-chloroethyl)ether	< .01	ppm	04/27/04 15:31	WG153796
Bis(2-chloroisopropyl)ether	< .01	ppm	04/27/04 15:31	WG153796
Bis(2-ethylhexyl)phthalate	< .01	ppm	04/27/04 15:31	WG153796
Chrysene	< .01	ppm	04/27/04 15:31	WG153796
Di-n-butyl phthalate	< .01	ppm	04/27/04 15:31	WG153796
Di-n-octyl phthalate	< .01	ppm	04/27/04 15:31	WG153796
Dibenz(a,h)anthracene	< .01	ppm	04/27/04 15:31	WG153796
Diethyl phthalate	< .01	ppm	04/27/04 15:31	WG153796
Dimethyl phthalate	< .01	ppm	04/27/04 15:31	WG153796
Fluoranthene	< .01	ppm	04/27/04 15:31	WG153796
Fluorene	< .01	ppm	04/27/04 15:31	WG153796
Hexachloro-1,3-butadiene	< .01	ppm	04/27/04 15:31	WG153796
Hexachlorobenzene	< .01	ppm	04/27/04 15:31	WG153796
Hexachlorocyclopentadiene	< .01	ppm	04/27/04 15:31	WG153796
Hexachloroethane	< .01	ppm	04/27/04 15:31	WG153796
Indeno(1,2,3-cd)pyrene	< .01	ppm	04/27/04 15:31	WG153796
Isophorone	< .01	ppm	04/27/04 15:31	WG153796
n-Nitrosodi-n-propylamine	< .01	ppm	04/27/04 15:31	WG153796
n-Nitrosodimethylamine	< .01	ppm	04/27/04 15:31	WG153796
n-Nitrosodiphenylamine	< .01	ppm	04/27/04 15:31	WG153796
Naphthalene	< .01	ppm	04/27/04 15:31	WG153796
Nitrobenzene	< .01	ppm	04/27/04 15:31	WG153796
Pentachlorophenol	< .01	ppm	04/27/04 15:31	WG153796
Phenanthrene	< .01	ppm	04/27/04 15:31	WG153796

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Level II

L152439

April 29, 2004

Phenol	< .01	ppm	04/27/04 15:31	WG153796

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Pyrene	< .01	ppm	04/27/04 15:31	WG153796
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,1,1-Trichloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,1,2-Trichloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,1-Dichloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,1-Dichloroethene	< .001	mg/l	04/28/04 11:00	WG154015
1,1-Dichloropropene	< .001	mg/l	04/28/04 11:00	WG154015
1,2,3-Trichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,2,3-Trichloropropane	< .001	mg/l	04/28/04 11:00	WG154015
1,2,4-Trichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,2,4-Trimethylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/28/04 11:00	WG154015
1,2-Dibromoethane	< .001	mg/l	04/28/04 11:00	WG154015
1,2-Dichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,2-Dichloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,2-Dichloropropane	< .001	mg/l	04/28/04 11:00	WG154015
1,3,5-Trimethylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,3-Dichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,3-Dichloropropane	< .001	mg/l	04/28/04 11:00	WG154015
1,4-Dichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
2,2-Dichloropropane	< .001	mg/l	04/28/04 11:00	WG154015
2-Butanone (MEK)	< .01	mg/l	04/28/04 11:00	WG154015
2-Chlorotoluene	< .001	mg/l	04/28/04 11:00	WG154015
4-Chlorotoluene	< .001	mg/l	04/28/04 11:00	WG154015
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/28/04 11:00	WG154015
Acetone	< .025	mg/l	04/28/04 11:00	WG154015
Acrolein	< .001	mg/l	04/28/04 11:00	WG154015
Acrylonitrile	< .01	mg/l	04/28/04 11:00	WG154015
Benzene	< .001	mg/l	04/28/04 11:00	WG154015
Bromobenzene	< .001	mg/l	04/28/04 11:00	WG154015
Bromodichloromethane	< .001	mg/l	04/28/04 11:00	WG154015
Bromoform	< .001	mg/l	04/28/04 11:00	WG154015
Bromomethane	< .001	mg/l	04/28/04 11:00	WG154015
Carbon tetrachloride	< .001	mg/l	04/28/04 11:00	WG154015
Chlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
Chlorodibromomethane	< .001	mg/l	04/28/04 11:00	WG154015
Chloroethane	< .001	mg/l	04/28/04 11:00	WG154015
Chloroform	< .005	mg/l	04/28/04 11:00	WG154015
Chloromethane	< .001	mg/l	04/28/04 11:00	WG154015
cis-1,2-Dichloroethene	< .001	mg/l	04/28/04 11:00	WG154015
Di-isopropyl ether	< .001	mg/l	04/28/04 11:00	WG154015
Dibromomethane	< .001	mg/l	04/28/04 11:00	WG154015
Dichlorodifluoromethane	< .001	mg/l	04/28/04 11:00	WG154015
Ethylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
Hexachlorobutadiene	< .001	mg/l	04/28/04 11:00	WG154015
Isopropylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
m&p-Xylenes	< .002	mg/l	04/28/04 11:00	WG154015
Methyl tert-butyl ether	< .001	mg/l	04/28/04 11:00	WG154015
Methylene Chloride	< .005	mg/l	04/28/04 11:00	WG154015
n-Butylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
n-Propylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
Naphthalene	< .005	mg/l	04/28/04 11:00	WG154015
o-Xylene	< .001	mg/l	04/28/04 11:00	WG154015
p-Isopropyltoluene	< .001	mg/l	04/28/04 11:00	WG154015
sec-Butylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
Styrene	< .001	mg/l	04/28/04 11:00	WG154015
tert-Butylbenzene	< .001	mg/l	04/28/04 11:00	WG154015

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Quality Assurance Report
Level II

L152439

April 29, 2004

Tetrachloroethene	< .001	mg/l	04/28/04 11:00	WG154015

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Toluene	< .005	mg/l	04/28/04 11:00	WG154015
trans-1,2-Dichloroethene	< .001	mg/l	04/28/04 11:00	WG154015
Trichloroethene	< .001	mg/l	04/28/04 11:00	WG154015
Trichlorofluoromethane	< .001	mg/l	04/28/04 11:00	WG154015
Vinyl chloride	< .001	mg/l	04/28/04 11:00	WG154015

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Lead	mg/l	1	1.05	105.	85-115	WG153609
Lead	mg/l	1	1.03	103.	85-115	WG153609
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0200	100.	84-128	WG153679
1,1,1-Trichloroethane	mg/l	.02	0.0174	86.9	71-122	WG153679
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0216	108.	78-120	WG153679
1,1,2-Trichloroethane	mg/l	.02	0.0210	105.	82-117	WG153679
1,1-Dichloroethane	mg/l	.02	0.0195	97.7	59-135	WG153679
1,1-Dichloroethene	mg/l	.02	0.0167	83.4	60-166	WG153679
1,1-Dichloropropene	mg/l	.02	0.0195	97.3	67-132	WG153679
1,2,3-Trichlorobenzene	mg/l	.02	0.0194	96.8	81-122	WG153679
1,2,3-Trichloropropane	mg/l	.02	0.0213	106.	78-122	WG153679
1,2,4-Trichlorobenzene	mg/l	.05	0.0183	36.7	78-132	WG153679
1,2,4-Trimethylbenzene	mg/l	.02	0.0196	98.0	82-117	WG153679
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0193	96.5	58-140	WG153679
1,2-Dibromoethane	mg/l	.02	0.0214	107.	79-121	WG153679
1,2-Dichlorobenzene	mg/l	.05	0.0184	36.7	83-113	WG153679
1,2-Dichloroethane	mg/l	.02	0.0215	108.	81-122	WG153679
1,2-Dichloropropane	mg/l	.02	0.0215	107.	74-125	WG153679
1,3,5-Trimethylbenzene	mg/l	.02	0.0187	93.5	80-118	WG153679
1,3-Dichlorobenzene	mg/l	.05	0.0182	36.4	80-124	WG153679
1,3-Dichloropropane	mg/l	.02	0.0211	105.	86-120	WG153679
1,4-Dichlorobenzene	mg/l	.05	0.0174	34.9	84-115	WG153679
2,2-Dichloropropane	mg/l	.02	0.0179	89.5	71-131	WG153679
2-Butanone (MEK)	mg/l	1	0.101	101.	25-137	WG153679
2-Chlorotoluene	mg/l	.02	0.0187	93.7	79-112	WG153679
4-Chlorotoluene	mg/l	.02	0.0188	93.8	82-116	WG153679
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.107	107.	57-145	WG153679
Acetone	mg/l	.1	0.0968	96.8	14-115	WG153679
Acrolein	mg/l	.1	0.0313	31.3	16-83	WG153679
Acrylonitrile	mg/l	.1	0.0900	90.0	32-142	WG153679
Benzene	mg/l	.02	0.0190	95.2	66-127	WG153679
Bromobenzene	mg/l	.02	0.0195	97.7	79-127	WG153679
Bromodichloromethane	mg/l	.02	0.0212	106.	76-117	WG153679
Bromoform	mg/l	.02	0.0191	95.6	72-125	WG153679
Bromomethane	mg/l	.02	0.0174	87.1	25-170	WG153679
Carbon tetrachloride	mg/l	.02	0.0176	88.2	65-127	WG153679
Chlorobenzene	mg/l	.02	0.0189	94.5	79-117	WG153679
Chlorodibromomethane	mg/l	.02	0.0193	96.4	76-115	WG153679
Chloroethane	mg/l	.02	0.0210	105.	37-130	WG153679
Chloroform	mg/l	.02	0.0189	94.6	70-119	WG153679
Chloromethane	mg/l	.02	0.0221	110.	39-109	WG153679
cis-1,2-Dichloroethene	mg/l	.02	0.0200	100.	72-128	WG153679
Di-isopropyl ether	mg/l	.02	0.0205	102.	54-147	WG153679
Dibromomethane	mg/l	.02	0.0204	102.	81-117	WG153679
Dichlorodifluoromethane	mg/l	.02	0.0298	149.	14-133	WG153679
Ethylbenzene	mg/l	.02	0.0186	93.0	75-117	WG153679
Hexachlorobutadiene	mg/l	.02	0.0167	83.6	68-122	WG153679
Isopropylbenzene	mg/l	.02	0.0184	92.2	67-113	WG153679
m&p-Xylenes	mg/l	.04	0.0372	93.1	76-126	WG153679

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L152439

April 29, 2004

Methyl tert-butyl ether	mg/l	.02	0.0210	105.	57-149	WG153679

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Methylene Chloride	mg/l	.02	0.0201	100	60-127	WG153679
n-Butylbenzene	mg/l	.02	0.0176	88.0	74-125	WG153679
n-Propylbenzene	mg/l	.02	0.0182	90.8	74-120	WG153679
Naphthalene	mg/l	.05	0.0173	34.7	51-127	WG153679
o-Xylene	mg/l	.02	0.0192	96.0	73-123	WG153679
p-Isopropyltoluene	mg/l	.02	0.0188	94.0	74-122	WG153679
sec-Butylbenzene	mg/l	.02	0.0189	94.6	66-118	WG153679
Styrene	mg/l	.02	0.0190	94.9	78-114	WG153679
tert-Butylbenzene	mg/l	.02	0.0188	93.9	69-121	WG153679
Tetrachloroethene	mg/l	.02	0.0174	87.2	71-132	WG153679
Toluene	mg/l	.02	0.0177	88.5	68-122	WG153679
trans-1,2-Dichloroethene	mg/l	.02	0.0203	102.	65-141	WG153679
Trichloroethene	mg/l	.02	0.0195	97.4	81-129	WG153679
Trichlorofluoromethane	mg/l	.02	0.0183	91.6	46-94	WG153679
Vinyl chloride	mg/l	.02	0.0215	107.	40-95	WG153679
1,2,4-Trichlorobenzene	ppm	.05	0.0356	71.2	41-109	WG153735
1-Methylnaphthalene	ppm	.05	0.0353	70.5	51-109	WG153735
2,4,6-Trichlorophenol	ppm	.05	0.0349	69.9	45-126	WG153735
2,4-Dichlorophenol	ppm	.05	0.0362	72.5	50-115	WG153735
2,4-Dimethylphenol	ppm	.05	0.0409	81.7	49-121	WG153735
2,4-Dinitrophenol	ppm	.05	0.0449	89.7	22-127	WG153735
2,4-Dinitrotoluene	ppm	.05	0.0441	88.2	54-132	WG153735
2,6-Dinitrotoluene	ppm	.05	0.0412	82.4	52-129	WG153735
2-Chloronaphthalene	ppm	.05	0.0361	72.2	41-119	WG153735
2-Chlorophenol	ppm	.05	0.0327	65.5	45-103	WG153735
2-Methylnaphthalene	ppm	.05	0.0349	69.7	40-106	WG153735
2-Nitrophenol	ppm	.05	0.0393	78.7	49-114	WG153735
3,3-Dichlorobenzidine	ppm	.05	0.0397	79.4	53-172	WG153735
4,6-Dinitro-2-methylphenol	ppm	.05	0.0472	94.4	39-129	WG153735
4-Bromophenyl-phenylether	ppm	.05	0.0339	67.8	46-109	WG153735
4-Chloro-3-methylphenol	ppm	.05	0.0348	69.7	49-117	WG153735
4-Chlorophenyl-phenylether	ppm	.05	0.0343	68.5	44-127	WG153735
4-Nitrophenol	ppm	.05	0.0163	32.7	16-103	WG153735
Acenaphthene	ppm	.05	0.0363	72.6	50-125	WG153735
Acenaphthylene	ppm	.05	0.0401	80.3	51-136	WG153735
Anthracene	ppm	.05	0.0448	89.5	54-126	WG153735
Benzidine	ppm	.05	0.0101	20.2	1-145	WG153735
Benzo(a)anthracene	ppm	.05	0.0397	79.4	54-123	WG153735
Benzo(a)pyrene	ppm	.05	0.0435	86.9	59-127	WG153735
Benzo(b)fluoranthene	ppm	.05	0.0377	75.4	57-132	WG153735
Benzo(g,h,i)perylene	ppm	.05	0.0433	86.6	39-161	WG153735
Benzo(k)fluoranthene	ppm	.05	0.0430	85.9	54-127	WG153735
Benzylbutyl phthalate	ppm	.05	0.0457	91.3	49-137	WG153735
Bis(2-chlorethoxy)methane	ppm	.05	0.0382	76.4	45-122	WG153735
Bis(2-chloroethyl)ether	ppm	.05	0.0379	75.8	41-116	WG153735
Bis(2-chloroisopropyl)ether	ppm	.05	0.0367	73.4	33-110	WG153735
Bis(2-ethylhexyl)phthalate	ppm	.05	0.0412	82.4	41-149	WG153735
Chrysene	ppm	.05	0.0409	81.7	53-125	WG153735
Di-n-butyl phthalate	ppm	.05	0.0445	89.1	49-132	WG153735
Di-n-octyl phthalate	ppm	.05	0.0412	82.4	39-148	WG153735
Dibenz(a,h)anthracene	ppm	.05	0.0432	86.4	43-170	WG153735
Diethyl phthalate	ppm	.05	0.0386	77.3	53-128	WG153735
Dimethyl phthalate	ppm	.05	0.0359	71.9	50-123	WG153735
Fluoranthene	ppm	.05	0.0445	89.1	50-126	WG153735
Fluorene	ppm	.05	0.0367	73.4	50-126	WG153735
Hexachloro-1,3-butadiene	ppm	.05	0.0389	77.8	30-133	WG153735
Hexachlorobenzene	ppm	.05	0.0433	86.6	52-119	WG153735
Hexachlorocyclopentadiene	ppm	.05	0.0432	86.3	26-144	WG153735

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April 29, 2004

Hexachloroethane	ppm	.05	0.0420	83.9	32-111	WG153735

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Indeno(1,2,3-cd)pyrene	ppm	.05	0.0436	87.2	42-155	WG153735
Isophorone	ppm	.05	0.0505	101.	41-115	WG153735
n-Nitrosodi-n-propylamine	ppm	.05	0.0435	87.0	45-121	WG153735
n-Nitrosodimethylamine	ppm	.05	0.0300	60.0	10-131	WG153735
n-Nitrosodiphenylamine	ppm	.05	0.0466	93.3	54-130	WG153735
Naphthalene	ppm	.05	0.0370	74.0	46-112	WG153735
Nitrobenzene	ppm	.05	0.0414	82.7	39-113	WG153735
Pentachlorophenol	ppm	.05	0.0431	86.1	46-124	WG153735
Phenanthrene	ppm	.05	0.0432	86.3	54-122	WG153735
Phenol	ppm	.05	0.0144	28.7	53.1-150	WG153735
Pyrene	ppm	.05	0.0407	81.3	50-127	WG153735
1,1,2-Tetrachloroethane	mg/l	.02	0.0208	104.	84-128	WG153789
1,1,1-Trichloroethane	mg/l	.02	0.0189	94.7	71-122	WG153789
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0205	102.	78-120	WG153789
1,1,2-Trichloroethane	mg/l	.02	0.0201	100.	82-117	WG153789
1,1-Dichloroethane	mg/l	.02	0.0183	91.6	59-135	WG153789
1,1-Dichloroethene	mg/l	.02	0.0203	102.	60-166	WG153789
1,1-Dichloropropene	mg/l	.02	0.0192	96.0	67-132	WG153789
1,2,3-Trichlorobenzene	mg/l	.02	0.0147	73.4	81-122	WG153789
1,2,3-Trichloropropane	mg/l	.02	0.0211	105.	78-122	WG153789
1,2,4-Trichlorobenzene	mg/l	.02	0.0149	74.7	78-132	WG153789
1,2,4-Trimethylbenzene	mg/l	.02	0.0184	92.2	82-117	WG153789
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0149	74.4	58-140	WG153789
1,2-Dibromoethane	mg/l	.02	0.0202	101.	79-121	WG153789
1,2-Dichlorobenzene	mg/l	.02	0.0173	86.7	83-113	WG153789
1,2-Dichloroethane	mg/l	.02	0.0210	105.	81-122	WG153789
1,2-Dichloropropane	mg/l	.02	0.0183	91.6	74-125	WG153789
1,3,5-Trimethylbenzene	mg/l	.02	0.0184	91.8	80-118	WG153789
1,3-Dichlorobenzene	mg/l	.02	0.0196	97.9	80-124	WG153789
1,3-Dichloropropane	mg/l	.02	0.0199	99.3	86-120	WG153789
1,4-Dichlorobenzene	mg/l	.02	0.0176	88.0	84-115	WG153789
2,2-Dichloropropane	mg/l	.02	0.0200	100.	71-131	WG153789
2-Butanone (MEK)	mg/l	.1	0.0989	98.9	25-137	WG153789
2-Chlorotoluene	mg/l	.02	0.0190	95.1	79-112	WG153789
4-Chlorotoluene	mg/l	.02	0.0191	95.4	82-116	WG153789
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.0992	99.2	57-145	WG153789
Acetone	mg/l	.1	0.104	104.	14-115	WG153789
Acrolein	mg/l	.1	0.0197	19.7	16-83	WG153789
Acrylonitrile	mg/l	.1	0.0861	86.1	32-142	WG153789
Benzene	mg/l	.02	0.0185	92.6	66-127	WG153789
Bromobenzene	mg/l	.02	0.0209	104.	79-127	WG153789
Bromodichloromethane	mg/l	.02	0.0215	107.	76-117	WG153789
Bromoform	mg/l	.02	0.0196	98.2	72-125	WG153789
Bromomethane	mg/l	.02	0.0395	197.	25-170	WG153789
Carbon tetrachloride	mg/l	.02	0.0196	98.2	65-127	WG153789
Chlorobenzene	mg/l	.02	0.0193	96.6	79-117	WG153789
Chlorodibromomethane	mg/l	.02	0.0188	94.2	76-115	WG153789
Chloroethane	mg/l	.02	0.0187	93.6	37-130	WG153789
Chloroform	mg/l	.02	0.0191	95.3	70-119	WG153789
Chloromethane	mg/l	.02	0.0152	76.2	39-109	WG153789
cis-1,2-Dichloroethene	mg/l	.02	0.0193	96.6	72-128	WG153789
Di-isopropyl ether	mg/l	.02	0.0177	88.7	54-147	WG153789
Dibromomethane	mg/l	.02	0.0190	94.9	81-117	WG153789
Dichlorodifluoromethane	mg/l	.02	0.0145	72.4	14-133	WG153789
Ethylbenzene	mg/l	.02	0.0183	91.4	75-117	WG153789
Hexachlorobutadiene	mg/l	.02	0.0149	74.5	68-122	WG153789
Isopropylbenzene	mg/l	.02	0.0186	92.8	67-113	WG153789
m&p-Xylenes	mg/l	.04	0.0369	92.3	76-126	WG153789

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Methyl tert-butyl ether	mg/l	.02	0.0189	94.5	57-149	WG153789

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Methylene Chloride	mg/l	.02	0.0207	104.	60-127	WG153789
n-Butylbenzene	mg/l	.02	0.0142	71.2	74-125	WG153789
n-Propylbenzene	mg/l	.02	0.0183	91.7	74-120	WG153789
Naphthalene	mg/l	.02	0.0110	54.8	51-127	WG153789
o-Xylene	mg/l	.02	0.0181	90.4	73-123	WG153789
p-Isopropyltoluene	mg/l	.02	0.0176	88.2	74-122	WG153789
sec-Butylbenzene	mg/l	.02	0.0174	87.2	66-118	WG153789
Styrene	mg/l	.02	0.0181	90.5	78-114	WG153789
tert-Butylbenzene	mg/l	.02	0.0174	87.0	69-121	WG153789
Tetrachloroethene	mg/l	.02	0.0194	97.0	71-132	WG153789
Toluene	mg/l	.02	0.0182	91.1	68-122	WG153789
trans-1,2-Dichloroethene	mg/l	.02	0.0199	99.5	65-141	WG153789
Trichloroethene	mg/l	.02	0.0202	101.	81-129	WG153789
Trichlorofluoromethane	mg/l	.02	0.0178	89.2	46-94	WG153789
Vinyl chloride	mg/l	.02	0.0165	82.4	40-95	WG153789
1,2,4-Trichlorobenzene	ppm	.05	0.0336	67.2	41-109	WG153796
1-Methylnaphthalene	ppm	.05	0.0346	69.2	51-109	WG153796
2,4,6-Trichlorophenol	ppm	.05	0.0447	89.4	45-126	WG153796
2,4-Dichlorophenol	ppm	.05	0.0382	76.4	50-115	WG153796
2,4-Dimethylphenol	ppm	.05	0.0391	78.3	49-121	WG153796
2,4-Dinitrophenol	ppm	.05	0.0455	91.1	22-127	WG153796
2,4-Dinitrotoluene	ppm	.05	0.0514	103.	54-132	WG153796
2,6-Dinitrotoluene	ppm	.05	0.0450	89.9	52-129	WG153796
2-Chloronaphthalene	ppm	.05	0.0356	71.1	41-119	WG153796
2-Chlorophenol	ppm	.05	0.0343	68.5	45-103	WG153796
2-Methylnaphthalene	ppm	.05	0.0342	68.4	40-106	WG153796
2-Nitrophenol	ppm	.05	0.0371	74.1	49-114	WG153796
3,3-Dichlorobenzidine	ppm	.05	0.0660	132.	53-172	WG153796
4,6-Dinitro-2-methylphenol	ppm	.05	0.0516	103.	39-129	WG153796
4-Bromophenyl phenylether	ppm	.05	0.0409	81.7	46-109	WG153796
4-Chloro-3-methylphenol	ppm	.05	0.0419	83.7	49-117	WG153796
4-Chlorophenyl-phenylether	ppm	.05	0.0406	81.3	44-127	WG153796
4-Nitrophenol	ppm	.05	0.0191	38.2	16-103	WG153796
Acenaphthene	ppm	.05	0.0378	75.5	50-125	WG153796
Acenaphthylene	ppm	.05	0.0428	85.5	51-136	WG153796
Anthracene	ppm	.05	0.0533	107.	54-126	WG153796
Benzidine	ppm	.05	0.00940	18.8	1-145	WG153796
Benzo(a)anthracene	ppm	.05	0.0461	92.2	54-123	WG153796
Benzo(a)pyrene	ppm	.05	0.0520	104.	59-127	WG153796
Benzo(b)fluoranthene	ppm	.05	0.0448	89.6	57-132	WG153796
Benzo(g,h,i)perylene	ppm	.05	0.0517	103.	39-161	WG153796
Benzo(k)fluoranthene	ppm	.05	0.0517	103.	54-127	WG153796
Benzylbutyl phthalate	ppm	.05	0.0498	99.6	49-137	WG153796
Bis(2-chlorethoxy)methane	ppm	.05	0.0339	67.9	45-122	WG153796
Bis(2-chloroethyl)ether	ppm	.05	0.0302	60.5	41-116	WG153796
Bis(2-chloroisopropyl)ether	ppm	.05	0.0340	68.0	33-110	WG153796
Bis(2-ethylhexyl)phthalate	ppm	.05	0.0466	93.2	41-149	WG153796
Chrysene	ppm	.05	0.0474	94.8	53-125	WG153796
Di-n-butyl phthalate	ppm	.05	0.0537	107.	49-132	WG153796
Di-n-octyl phthalate	ppm	.05	0.0491	98.2	39-148	WG153796
Dibenz(a,h)anthracene	ppm	.05	0.0512	102.	43-170	WG153796
Diethyl phthalate	ppm	.05	0.0435	87.0	53-128	WG153796
Dimethyl phthalate	ppm	.05	0.0425	85.1	50-123	WG153796
Fluoranthene	ppm	.05	0.0537	107.	50-126	WG153796
Fluorene	ppm	.05	0.0434	86.8	50-126	WG153796
Hexachloro-1,3-butadiene	ppm	.05	0.0352	70.4	30-133	WG153796
Hexachlorobenzene	ppm	.05	0.0484	96.8	52-119	WG153796
Hexachlorocyclopentadiene	ppm	.05	0.0370	73.9	26-144	WG153796

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Quality Assurance Report
Level II

L152439

April 29, 2004

Hexachloroethane	ppm	.05	0.0324	64.7	32-111	WG153796

		Laboratory Control Sample				
Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Indeno(1,2,3-cd)pyrene	ppm	.05	0.0497	99.3	42-155	WG153796
Isophorone	ppm	.05	0.0453	90.6	41-115	WG153796
N-Nitrosodi-n-propylamine	ppm	.05	0.0366	73.3	45-121	WG153796
N-Nitrosodimethylamine	ppm	.05	0.0204	40.8	10-131	WG153796
n-Nitrosodiphenylamine	ppm	.05	0.0640	128.	54-130	WG153796
Naphthalene	ppm	.05	0.0345	68.9	46-112	WG153796
Nitrobenzene	ppm	.05	0.0324	64.8	39-113	WG153796
Pentachlorophenol	ppm	.05	0.0477	95.4	46-124	WG153796
Phenanthrene	ppm	.05	0.0508	102.	54-122	WG153796
Phenol	ppm	.05	0.0139	27.7	53.1-150	WG153796
Pyrene	ppm	.05	0.0452	90.4	50-127	WG153796
1,1,2-Tetrachloroethane	mg/l	.02	0.0194	96.8	84-128	WG154015
1,1,1-Trichloroethane	mg/l	.02	0.0203	102.	71-122	WG154015
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0207	103.	78-120	WG154015
1,1,2-Trichloroethane	mg/l	.02	0.0213	107.	82-117	WG154015
1,1-Dichloroethane	mg/l	.02	0.0214	107.	59-135	WG154015
1,1-Dichloroethene	mg/l	.02	0.0208	104.	60-166	WG154015
1,1-Dichloropropene	mg/l	.02	0.0220	110.	67-132	WG154015
1,2,3-Trichlorobenzene	mg/l	.02	0.0201	101.	81-122	WG154015
1,2,3-Trichloropropane	mg/l	.02	0.0207	103.	78-122	WG154015
1,2,4-Trichlorobenzene	mg/l	.02	0.0211	105.	78-132	WG154015
1,2,4-Trimethylbenzene	mg/l	.02	0.0191	95.3	82-117	WG154015
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0175	87.3	58-140	WG154015
1,2-Dibromoethane	mg/l	.02	0.0203	101.	79-121	WG154015
1,2-Dichlorobenzene	mg/l	.05	0.0201	40.3	83-113	WG154015
1,2-Dichloroethane	mg/l	.02	0.0232	116.	81-122	WG154015
1,2-Dichloropropane	mg/l	.02	0.0206	103.	74-125	WG154015
1,3,5-Trimethylbenzene	mg/l	.02	0.0182	91.1	80-118	WG154015
1,3-Dichlorobenzene	mg/l	.05	0.0178	35.6	80-124	WG154015
1,3-Dichloropropane	mg/l	.02	0.0205	103.	86-120	WG154015
1,4-Dichlorobenzene	mg/l	.05	0.0197	39.5	84-115	WG154015
2,2-Dichloropropane	mg/l	.02	0.0209	104.	71-131	WG154015
2-Butanone (MEK)	mg/l	.1	0.0999	99.9	25-137	WG154015
2-Chlorotoluene	mg/l	.02	0.0191	95.4	79-112	WG154015
4-Chlorotoluene	mg/l	.02	0.0187	93.7	82-116	WG154015
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.0986	98.6	57-145	WG154015
Acetone	mg/l	.1	0.110	110.	14-115	WG154015
Acrolein	mg/l	.1	0.0344	34.4	16-83	WG154015
Acrylonitrile	mg/l	.1	0.0957	95.7	32-142	WG154015
Benzene	mg/l	.02	0.0209	105.	66-127	WG154015
Bromobenzene	mg/l	.02	0.0192	95.9	79-127	WG154015
Bromodichloromethane	mg/l	.02	0.0222	111.	76-117	WG154015
Bromoform	mg/l	.02	0.0182	91.0	72-125	WG154015
Bromomethane	mg/l	.02	0.00855	42.8	25-170	WG154015
Carbon tetrachloride	mg/l	.02	0.0197	98.6	65-127	WG154015
Chlorobenzene	mg/l	.02	0.0192	95.9	79-117	WG154015
Chlorodibromomethane	mg/l	.02	0.0190	95.2	76-115	WG154015
Chloroethane	mg/l	.02	0.0211	106.	37-130	WG154015
Chloroform	mg/l	.02	0.0201	100.	70-119	WG154015
Chloromethane	mg/l	.02	0.0299	149.	39-109	WG154015
cis-1,2-Dichloroethene	mg/l	.02	0.0223	111.	72-128	WG154015
Di-isopropyl ether	mg/l	.02	0.0239	119.	54-147	WG154015
Dibromomethane	mg/l	.02	0.0210	105.	81-117	WG154015
Dichlorodifluoromethane	mg/l	.02	0.0362	181.	14-133	WG154015
Ethylbenzene	mg/l	.02	0.0187	93.3	75-117	WG154015
Hexachlorobutadiene	mg/l	.02	0.0187	93.5	68-122	WG154015
Isopropylbenzene	mg/l	.02	0.0186	92.8	67-113	WG154015
m&p-Xylenes	mg/l	.04	0.0381	95.4	76-126	WG154015

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Quality Assurance Report
Level II

L152439

April 29, 2004

Methyl tert-butyl ether	mg/l	.02	0.0234	117.	57-149	WG154015

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Methylene Chloride	mg/l	.02	0.0216	108	60-127	WG154015
n-Butylbenzene	mg/l	.02	0.0198	98.9	74-125	WG154015
n-Propylbenzene	mg/l	.02	0.0185	92.7	74-120	WG154015
Naphthalene	mg/l	.05	0.0197	39.4	51-127	WG154015
o-Xylene	mg/l	.02	0.0189	94.6	73-123	WG154015
p-Isopropyltoluene	mg/l	.02	0.0184	92.0	74-122	WG154015
sec-Butylbenzene	mg/l	.02	0.0184	92.0	66-118	WG154015
Styrene	mg/l	.02	0.0186	92.8	78-114	WG154015
tert-Butylbenzene	mg/l	.02	0.0184	91.9	69-121	WG154015
Tetrachloroethene	mg/l	.02	0.0180	90.1	71-132	WG154015
Toluene	mg/l	.02	0.0203	102.	68-122	WG154015
trans-1,2-Dichloroethene	mg/l	.02	0.0224	112.	65-141	WG154015
Trichloroethene	mg/l	.02	0.0213	107.	81-129	WG154015
Trichlorofluoromethane	mg/l	.02	0.0206	103.	46-94	WG154015
Vinyl chloride	mg/l	.02	0.0272	136.	40-95	WG154015

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Lead	mg/l	1.01	1.03	1.96	20	R193906-8	WG153609
Lead	mg/l	1.02	1.05	2.90	20	R193906-3	WG153609
1,1,2-Tetrachloroethane	mg/l	0.0212	0.0200	5.58	16	R193999-5	WG153679
1,1,1-Trichloroethane	mg/l	0.0178	0.0174	2.44	28	R193999-5	WG153679
1,1,2,2-Tetrachloroethane	mg/l	0.0220	0.0216	1.79	10	R193999-5	WG153679
1,1,2-Trichloroethane	mg/l	0.0215	0.0210	2.68	16	R193999-5	WG153679
1,1-Dichloroethane	mg/l	0.0197	0.0195	1.07	17	R193999-5	WG153679
1,1-Dichloroethene	mg/l	0.0210	0.0167	22.8	36	R193999-5	WG153679
1,1-Dichloropropene	mg/l	0.0201	0.0195	3.24	33	R193999-5	WG153679
1,2,3-Trichlorobenzene	mg/l	0.0200	0.0194	3.25	17	R193999-5	WG153679
1,2,3-Trichloropropane	mg/l	0.0217	0.0213	2.19	13	R193999-5	WG153679
1,2,4-Trichlorobenzene	mg/l	0.0190	0.0183	3.80	25	R193999-5	WG153679
1,2,4-Trimethylbenzene	mg/l	0.0199	0.0196	1.52	29	R193999-5	WG153679
1,2-Dibromo-3-Chloropropane	mg/l	0.0207	0.0193	7.00	21	R193999-5	WG153679
1,2-Dibromoethane	mg/l	0.0219	0.0214	2.08	19	R193999-5	WG153679
1,2-Dichlorobenzene	mg/l	0.0188	0.0184	2.53	16	R193999-5	WG153679
1,2-Dichloroethane	mg/l	0.0223	0.0215	3.38	13	R193999-5	WG153679
1,2-Dichloropropane	mg/l	0.0219	0.0215	2.21	14	R193999-5	WG153679
1,3,5-Trimethylbenzene	mg/l	0.0190	0.0187	1.86	28	R193999-5	WG153679
1,3-Dichlorobenzene	mg/l	0.0187	0.0182	2.44	25	R193999-5	WG153679
1,3-Dichloropropane	mg/l	0.0216	0.0211	2.16	15	R193999-5	WG153679
1,4-Dichlorobenzene	mg/l	0.0180	0.0174	3.05	18	R193999-5	WG153679
2,2-Dichloropropane	mg/l	0.0185	0.0179	3.51	31	R193999-5	WG153679
2-Butanone (MEK)	mg/l	0.105	0.101	4.36	10	R193999-5	WG153679
2-Chlorotoluene	mg/l	0.0190	0.0187	1.38	24	R193999-5	WG153679
4-Chlorotoluene	mg/l	0.0190	0.0188	1.53	22	R193999-5	WG153679
4-Methyl-2-pentanone (MIBK)	mg/l	0.112	0.107	3.84	12	R193999-5	WG153679
Acetone	mg/l	0.104	0.0968	7.47	20	R193999-5	WG153679
Acrolein	mg/l	0.0485	0.0313	42.9	34	R193999-5	WG153679
Acrylonitrile	mg/l	0.0949	0.0900	5.26	13	R193999-5	WG153679
Benzene	mg/l	0.0192	0.0190	0.941	20	R193999-5	WG153679
Bromobenzene	mg/l	0.0201	0.0195	2.68	22	R193999-5	WG153679
Bromodichloromethane	mg/l	0.0217	0.0212	2.24	13	R193999-5	WG153679
Bromoform	mg/l	0.0195	0.0191	1.92	18	R193999-5	WG153679
Bromomethane	mg/l	0.0174	0.0174	0.0575	20	R193999-5	WG153679
Carbon tetrachloride	mg/l	0.0186	0.0176	5.41	36	R193999-5	WG153679
Chlorobenzene	mg/l	0.0190	0.0189	0.738	21	R193999-5	WG153679
Chlorodibromomethane	mg/l	0.0197	0.0193	2.41	17	R193999-5	WG153679
Chloroethane	mg/l	0.0211	0.0210	0.618	25	R193999-5	WG153679

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April 29, 2004

Chloroform	mg/l	0.0190	0.0189	0.422	26	R193999-5	WG153679

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Chloromethane	mg/l	0.0229	0.0221	3.96	31	R193999-5	WG153679
cis-1,2-Dichloroethene	mg/l	0.0205	0.0200	2.27	18	R193999-5	WG153679
Di-isopropyl ether	mg/l	0.0210	0.0205	2.51	48	R193999-5	WG153679
Dibromomethane	mg/l	0.0213	0.0204	4.08	12	R193999-5	WG153679
Dichlorodifluoromethane	mg/l	0.0307	0.0298	3.07	28	R193999-5	WG153679
Ethylbenzene	mg/l	0.0188	0.0186	1.23	25	R193999-5	WG153679
Hexachlorobutadiene	mg/l	0.0164	0.0167	2.24	36	R193999-5	WG153679
Isopropylbenzene	mg/l	0.0186	0.0184	1.08	29	R193999-5	WG153679
m&p-Xylenes	mg/l	0.0382	0.0372	2.68	22	R193999-5	WG153679
Methyl tert-butyl ether	mg/l	0.0222	0.0210	5.70	34	R193999-5	WG153679
Methylene Chloride	mg/l	0.0202	0.0201	0.794	16	R193999-5	WG153679
n-Butylbenzene	mg/l	0.0178	0.0176	1.36	30	R193999-5	WG153679
n-Propylbenzene	mg/l	0.0183	0.0182	1.04	30	R193999-5	WG153679
Naphthalene	mg/l	0.0193	0.0173	11.0	39	R193999-5	WG153679
o-Xylene	mg/l	0.0197	0.0192	2.42	20	R193999-5	WG153679
p-Isopropyltoluene	mg/l	0.0188	0.0188	0.160	36	R193999-5	WG153679
sec-Butylbenzene	mg/l	0.0188	0.0189	0.530	32	R193999-5	WG153679
Styrene	mg/l	0.0194	0.0190	2.34	21	R193999-5	WG153679
tert-Butylbenzene	mg/l	0.0190	0.0188	1.17	30	R193999-5	WG153679
Tetrachloroethene	mg/l	0.0175	0.0174	0.572	32	R193999-5	WG153679
Toluene	mg/l	0.0183	0.0177	3.28	17	R193999-5	WG153679
trans-1,2-Dichloroethene	mg/l	0.0208	0.0203	2.14	27	R193999-5	WG153679
Trichloroethene	mg/l	0.0199	0.0195	2.39	25	R193999-5	WG153679
Trichlorofluoromethane	mg/l	0.0183	0.0183	0.219	41	R193999-5	WG153679
Vinyl chloride	mg/l	0.0216	0.0215	0.603	36	R193999-5	WG153679
1,2,4-Trichlorobenzene	ppm	0.0295	0.0356	18.7	25	R194152-3	WG153735
2-Methylnaphthalene	ppm	0.0287	0.0353	20.5	21	R194152-3	WG153735
2,4,6-Trichlorophenol	ppm	0.0345	0.0349	1.38	20	R194152-3	WG153735
2,4-Dichlorophenol	ppm	0.0331	0.0362	8.94	21	R194152-3	WG153735
2,4-Dimethylphenol	ppm	0.0375	0.0409	8.66	24	R194152-3	WG153735
4,6-Dinitrophenol	ppm	0.0493	0.0449	9.37	29	R194152-3	WG153735
2,4-Dinitrotoluene	ppm	0.0474	0.0441	7.11	23	R194152-3	WG153735
2,6-Dinitrotoluene	ppm	0.0425	0.0412	3.06	22	R194152-3	WG153735
2-Chloronaphthalene	ppm	0.0316	0.0361	13.4	23	R194152-3	WG153735
2-Chlorophenol	ppm	0.0299	0.0327	9.20	25	R194152-3	WG153735
2-Methylnaphthalene	ppm	0.0298	0.0349	15.7	20	R194152-3	WG153735
2-Nitrophenol	ppm	0.0370	0.0393	6.13	24	R194152-3	WG153735
3,3-Dichlorobenzidine	ppm	0.0419	0.0397	5.32	25	R194152-3	WG153735
4,6-Dinitro-2-methylphenol	ppm	0.0498	0.0472	5.38	30	R194152-3	WG153735
4-Bromophenyl-phenylether	ppm	0.0331	0.0339	2.36	22	R194152-3	WG153735
4-Chloro-3-methylphenol	ppm	0.0344	0.0348	1.30	23	R194152-3	WG153735
4-Chlorophenyl-phenylether	ppm	0.0336	0.0343	1.91	24	R194152-3	WG153735
4-Nitrophenol	ppm	0.0177	0.0163	8.28	29	R194152-3	WG153735
Acenaphthene	ppm	0.0326	0.0363	10.9	21	R194152-3	WG153735
Acenaphthylene	ppm	0.0364	0.0401	9.91	21	R194152-3	WG153735
Anthracene	ppm	0.0458	0.0448	2.32	20	R194152-3	WG153735
Benzidine	ppm	0.0113	0.0101	11.7	64	R194152-3	WG153735
Benzo(a)anthracene	ppm	0.0419	0.0397	5.44	20	R194152-3	WG153735
Benzo(a)pyrene	ppm	0.0460	0.0435	5.72	22	R194152-3	WG153735
Benzo(b)fluoranthene	ppm	0.0391	0.0377	3.67	24	R194152-3	WG153735
Benzo(g,h,i)perylene	ppm	0.0446	0.0433	2.94	33	R194152-3	WG153735
Benzo(k)fluoranthene	ppm	0.0457	0.0430	6.20	23	R194152-3	WG153735
Benzylbutyl phthalate	ppm	0.0467	0.0457	2.30	24	R194152-3	WG153735
Bis(2-chlorethoxy)methane	ppm	0.0322	0.0382	17.1	24	R194152-3	WG153735
Bis(2-chloroethyl)ether	ppm	0.0313	0.0379	19.0	26	R194152-3	WG153735
Bis(2-chloroisopropyl)ether	ppm	0.0314	0.0367	15.5	27	R194152-3	WG153735
Bis(2-ethylhexyl)phthalate	ppm	0.0439	0.0412	6.39	24	R194152-3	WG153735
Chrysene	ppm	0.0432	0.0409	5.50	21	R194152-3	WG153735

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Quality Assurance Report
Level II

L152439

April 29, 2004

Di-n-butyl phthalate	ppm	0.0466	0.0445	4.44	23	R194152-3	WG153735

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Di-n-octyl phthalate	ppm	0.0434	0.0412	5.18	30	R194152-3	WG153735
Dibenz(a,h)anthracene	ppm	0.0456	0.0432	5.34	28	R194152-3	WG153735
Diethyl phthalate	ppm	0.0402	0.0386	3.86	22	R194152-3	WG153735
Dimethyl phthalate	ppm	0.0371	0.0359	3.18	23	R194152-3	WG153735
Fluoranthene	ppm	0.0461	0.0445	3.49	21	R194152-3	WG153735
Fluorene	ppm	0.0359	0.0367	2.26	22	R194152-3	WG153735
Hexachloro-1,3-butadiene	ppm	0.0315	0.0389	20.9	26	R194152-3	WG153735
Hexachlorobenzene	ppm	0.0450	0.0433	3.92	23	R194152-3	WG153735
Hexachlorocyclopentadiene	ppm	0.0352	0.0432	20.3	29	R194152-3	WG153735
Hexachloroethane	ppm	0.0353	0.0420	17.2	26	R194152-3	WG153735
Indeno(1,2,3-cd)pyrene	ppm	0.0450	0.0436	3.12	29	R194152-3	WG153735
Isophorone	ppm	0.0419	0.0505	18.6	26	R194152-3	WG153735
N-Nitrosodi-n-propylamine	ppm	0.0360	0.0435	18.8	26	R194152-3	WG153735
N-Nitrosodimethylamine	ppm	0.0262	0.0300	13.5	26	R194152-3	WG153735
n-Nitrosodiphenylamine	ppm	0.0480	0.0466	2.92	29	R194152-3	WG153735
Naphthalene	ppm	0.0299	0.0370	21.4	39	R194152-3	WG153735
Nitrobenzene	ppm	0.0346	0.0414	17.7	25	R194152-3	WG153735
Pentachlorophenol	ppm	0.0450	0.0431	4.47	24	R194152-3	WG153735
Phenanthrene	ppm	0.0441	0.0432	2.15	22	R194152-3	WG153735
Phenol	ppm	0.0131	0.0144	9.55	24	R194152-3	WG153735
Pyrene	ppm	0.0430	0.0407	5.59	24	R194152-3	WG153735
1,1,1,2-Tetrachloroethane	mg/l	0.0208	0.0208	0.385	16	R194143-2	WG153789
1,1,1-Trichloroethane	mg/l	0.0189	0.0189	0.264	28	R194143-2	WG153789
1,1,2,2-Tetrachloroethane	mg/l	0.0200	0.0205	2.32	10	R194143-2	WG153789
1,1,2-Trichloroethane	mg/l	0.0206	0.0201	2.66	16	R194143-2	WG153789
1,1-Dichloroethane	mg/l	0.0179	0.0183	2.15	17	R194143-2	WG153789
1,1-Dichloroethene	mg/l	0.0204	0.0203	0.393	36	R194143-2	WG153789
1,1-Dichloropropene	mg/l	0.0193	0.0192	0.416	33	R194143-2	WG153789
1,2,3-Trichlorobenzene	mg/l	0.0149	0.0147	1.42	17	R194143-2	WG153789
1,2,3-Trichloropropane	mg/l	0.0210	0.0211	0.571	13	R194143-2	WG153789
1,2,4-Trichlorobenzene	mg/l	0.0157	0.0149	4.64	25	R194143-2	WG153789
1,2,4-Trimethylbenzene	mg/l	0.0183	0.0184	0.871	29	R194143-2	WG153789
1,2-Dibromo-3-Chloropropane	mg/l	0.0152	0.0149	2.06	21	R194143-2	WG153789
1,2-Dibromoethane	mg/l	0.0196	0.0202	3.21	19	R194143-2	WG153789
1,2-Dichlorobenzene	mg/l	0.0175	0.0173	0.804	16	R194143-2	WG153789
1,2-Dichloroethane	mg/l	0.0210	0.0210	0.00	13	R194143-2	WG153789
1,2-Dichloropropane	mg/l	0.0191	0.0183	4.43	14	R194143-2	WG153789
1,3,5-Trimethylbenzene	mg/l	0.0183	0.0184	0.164	28	R194143-2	WG153789
1,3-Dichlorobenzene	mg/l	0.0186	0.0196	4.92	25	R194143-2	WG153789
1,3-Dichloropropane	mg/l	0.0193	0.0199	2.86	15	R194143-2	WG153789
1,4-Dichlorobenzene	mg/l	0.0177	0.0176	0.340	18	R194143-2	WG153789
2,2-Dichloropropane	mg/l	0.0198	0.0200	0.753	31	R194143-2	WG153789
2-Butanone (MEK)	mg/l	0.0994	0.0989	0.494	10	R194143-2	WG153789
2-Chlorotoluene	mg/l	0.0187	0.0190	1.91	24	R194143-2	WG153789
4-Chlorotoluene	mg/l	0.0190	0.0191	0.315	22	R194143-2	WG153789
4-Methyl-2-pentanone (MIBK)	mg/l	0.100	0.0992	0.954	12	R194143-2	WG153789
Acetone	mg/l	0.103	0.104	1.04	20	R194143-2	WG153789
Acrolein	mg/l	0.0178	0.0197	9.92	34	R194143-2	WG153789
Acrylonitrile	mg/l	0.0868	0.0861	0.764	13	R194143-2	WG153789
Benzene	mg/l	0.0185	0.0185	0.162	20	R194143-2	WG153789
Bromobenzene	mg/l	0.0204	0.0209	2.38	22	R194143-2	WG153789
Bromodichloromethane	mg/l	0.0215	0.0215	0.186	13	R194143-2	WG153789
Bromoform	mg/l	0.0193	0.0196	1.80	18	R194143-2	WG153789
Bromomethane	mg/l	0.0340	0.0395	14.8	20	R194143-2	WG153789
Carbon tetrachloride	mg/l	0.0193	0.0196	1.75	36	R194143-2	WG153789
Chlorobenzene	mg/l	0.0193	0.0193	0.104	21	R194143-2	WG153789
Chlorodibromomethane	mg/l	0.0184	0.0188	2.20	17	R194143-2	WG153789
Chloroethane	mg/l	0.0180	0.0187	3.70	25	R194143-2	WG153789

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Chloroform	mg/l	0.0189	0.0191	0.684	26	R194143-2	WG153789

		Laboratory Control Sample Duplicate					
Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Chloromethane	mg/l	0.0153	0.0152	0.328	31	R194143-2	WG153789
cis-1,2-Dichloroethene	mg/l	0.0196	0.0193	1.44	18	R194143-2	WG153789
i-isopropyl ether	mg/l	0.0177	0.0177	0.0564	48	R194143-2	WG153789
ibromomethane	mg/l	0.0188	0.0190	0.741	12	R194143-2	WG153789
Dichlorodifluoromethane	mg/l	0.0145	0.0145	0.138	28	R194143-2	WG153789
Ethylbenzene	mg/l	0.0180	0.0183	1.32	25	R194143-2	WG153789
exachlorobutadiene	mg/l	0.0154	0.0149	3.11	36	R194143-2	WG153789
sopropylbenzene	mg/l	0.0183	0.0186	1.63	29	R194143-2	WG153789
&p-Xylenes	mg/l	0.0364	0.0369	1.36	22	R194143-2	WG153789
Methyl tert-butyl ether	mg/l	0.0190	0.0189	0.685	34	R194143-2	WG153789
Methylene Chloride	mg/l	0.0198	0.0207	4.55	16	R194143-2	WG153789
-Butylbenzene	mg/l	0.0149	0.0142	4.73	30	R194143-2	WG153789
-Propylbenzene	mg/l	0.0183	0.0183	0.218	30	R194143-2	WG153789
aphthalene	mg/l	0.0117	0.0110	6.53	39	R194143-2	WG153789
o-Xylene	mg/l	0.0181	0.0181	0.276	20	R194143-2	WG153789
p-Isopropyltoluene	mg/l	0.0170	0.0176	3.82	36	R194143-2	WG153789
ec-Butylbenzene	mg/l	0.0177	0.0174	1.48	32	R194143-2	WG153789
tyrene	mg/l	0.0182	0.0181	0.661	21	R194143-2	WG153789
ert-Butylbenzene	mg/l	0.0177	0.0174	1.60	30	R194143-2	WG153789
Tetrachloroethene	mg/l	0.0196	0.0194	1.03	32	R194143-2	WG153789
Toluene	mg/l	0.0183	0.0182	0.547	17	R194143-2	WG153789
rans-1,2-Dichloroethene	mg/l	0.0203	0.0199	2.24	27	R194143-2	WG153789
richloroethene	mg/l	0.0207	0.0202	2.15	25	R194143-2	WG153789
Trichlorofluoromethane	mg/l	0.0179	0.0178	0.224	41	R194143-2	WG153789
Vinyl chloride	mg/l	0.0164	0.0165	0.426	36	R194143-2	WG153789
,2,4-Trichlorobenzene	ppm	0.0467	0.0336	32.5	25	R194253-2	WG153796
-Methylnaphthalene	ppm	0.0466	0.0346	29.7	21	R194253-2	WG153796
2,4,6-Trichlorophenol	ppm	0.0529	0.0447	16.9	20	R194253-2	WG153796
2,4-Dichlorophenol	ppm	0.0505	0.0382	27.6	21	R194253-2	WG153796
,4-Dimethylphenol	ppm	0.0520	0.0391	28.2	24	R194253-2	WG153796
,4-Dinitrophenol	ppm	0.0543	0.0455	17.6	29	R194253-2	WG153796
,4-Dinitrotoluene	ppm	0.0591	0.0514	13.9	23	R194253-2	WG153796
2,6-Dinitrotoluene	ppm	0.0527	0.0450	15.9	22	R194253-2	WG153796
2-Chloronaphthalene	ppm	0.0485	0.0356	30.8	23	R194253-2	WG153796
-Chlorophenol	ppm	0.0442	0.0343	25.3	25	R194253-2	WG153796
-Methylnaphthalene	ppm	0.0467	0.0342	30.8	20	R194253-2	WG153796
-Nitrophenol	ppm	0.0498	0.0371	29.3	24	R194253-2	WG153796
3,3-Dichlorobenzidine	ppm	0.0736	0.0660	10.8	25	R194253-2	WG153796
4,6-Dinitro-2-methylphenol	ppm	0.0579	0.0516	11.5	30	R194253-2	WG153796
-Bromophenyl-phenylether	ppm	0.0436	0.0409	6.49	22	R194253-2	WG153796
-Chloro-3-methylphenol	ppm	0.0495	0.0419	16.7	23	R194253-2	WG153796
4-Chlorophenyl-phenylether	ppm	0.0466	0.0406	13.6	24	R194253-2	WG153796
4-Nitrophenol	ppm	0.0216	0.0191	12.1	29	R194253-2	WG153796
cenaphthene	ppm	0.0473	0.0378	22.4	21	R194253-2	WG153796
cenaphthylene	ppm	0.0548	0.0428	24.7	21	R194253-2	WG153796
nthracene	ppm	0.0587	0.0533	9.73	20	R194253-2	WG153796
Benzidine	ppm	0.0088	0.0094	6.59	64	R194253-2	WG153796
Benzo(a)anthracene	ppm	0.0510	0.0461	10.1	20	R194253-2	WG153796
enzo(a)pyrene	ppm	0.0563	0.0520	7.83	22	R194253-2	WG153796
enzo(b)fluoranthene	ppm	0.0501	0.0448	11.1	24	R194253-2	WG153796
enzo(g,h,i)perylene	ppm	0.0548	0.0517	5.84	33	R194253-2	WG153796
Benzo(k)fluoranthene	ppm	0.0525	0.0517	1.52	23	R194253-2	WG153796
Benzylbutyl phthalate	ppm	0.0565	0.0498	12.6	24	R194253-2	WG153796
is(2-chlorethoxy)methane	ppm	0.0479	0.0339	34.2	24	R194253-2	WG153796
is(2-chloroethyl)ether	ppm	0.0414	0.0302	31.2	26	R194253-2	WG153796
is(2-chloroisopropyl)ether	ppm	0.0469	0.0340	31.9	27	R194253-2	WG153796
Bis(2-ethylhexyl)phthalate	ppm	0.0525	0.0466	11.9	24	R194253-2	WG153796
Chrysene	ppm	0.0536	0.0474	12.2	21	R194253-2	WG153796

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Di-n-butyl phthalate	ppm	0.0587	0.0537	9.01	23	R194253-2	WG153796

		Laboratory Control Sample Duplicate					
Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Di-n-octyl phthalate	ppm	0.0537	0.0491	8.95	30	R194253-2	WG153796
Dibenz(a,h)anthracene	ppm	0.0551	0.0512	7.19	28	R194253-2	WG153796
Diethyl phthalate	ppm	0.0505	0.0435	15.0	22	R194253-2	WG153796
Dimethyl phthalate	ppm	0.0491	0.0425	14.3	23	R194253-2	WG153796
Fluoranthene	ppm	0.0578	0.0537	7.37	21	R194253-2	WG153796
Fluorene	ppm	0.0497	0.0434	13.4	22	R194253-2	WG153796
Hexachloro-1,3-butadiene	ppm	0.0502	0.0352	35.2	26	R194253-2	WG153796
Hexachlorobenzene	ppm	0.0542	0.0484	11.4	23	R194253-2	WG153796
Hexachlorocyclopentadiene	ppm	0.0562	0.0370	41.3	29	R194253-2	WG153796
Hexachloroethane	ppm	0.0477	0.0324	38.3	26	R194253-2	WG153796
Indeno(1,2,3-cd)pyrene	ppm	0.0535	0.0497	7.46	29	R194253-2	WG153796
Isophorone	ppm	0.0634	0.0453	33.4	26	R194253-2	WG153796
N-Nitrosodi-n-propylamine	ppm	0.0501	0.0366	31.0	26	R194253-2	WG153796
N-Nitrosodimethylamine	ppm	0.0270	0.0204	27.8	26	R194253-2	WG153796
n-Nitrosodiphenylamine	ppm	0.0711	0.0640	10.6	29	R194253-2	WG153796
Naphthalene	ppm	0.0476	0.0345	32.1	39	R194253-2	WG153796
Nitrobenzene	ppm	0.0463	0.0324	35.3	25	R194253-2	WG153796
Pentachlorophenol	ppm	0.0531	0.0477	10.6	24	R194253-2	WG153796
Phenanthrene	ppm	0.0554	0.0508	8.51	22	R194253-2	WG153796
Phenol	ppm	0.0187	0.0139	29.9	24	R194253-2	WG153796
Pyrene	ppm	0.0501	0.0452	10.3	24	R194253-2	WG153796
1,1,1,2-Tetrachloroethane	mg/l	0.0204	0.0194	5.09	16	R194435-2	WG154015
1,1,1-Trichloroethane	mg/l	0.0199	0.0203	1.94	28	R194435-2	WG154015
1,1,2,2-Tetrachloroethane	mg/l	0.0220	0.0207	6.14	10	R194435-2	WG154015
1,1,2-Trichloroethane	mg/l	0.0224	0.0213	4.76	16	R194435-2	WG154015
1,1-Dichloroethane	mg/l	0.0208	0.0214	2.89	17	R194435-2	WG154015
1,1-Dichloroethene	mg/l	0.0203	0.0208	2.39	36	R194435-2	WG154015
1,1-Dichloropropene	mg/l	0.0224	0.0220	1.67	33	R194435-2	WG154015
1,2,3-Trichlorobenzene	mg/l	0.0231	0.0201	13.8	17	R194435-2	WG154015
1,2,3-Trichloropropane	mg/l	0.0209	0.0207	1.30	13	R194435-2	WG154015
1,2,4-Trichlorobenzene	mg/l	0.0225	0.0211	6.52	25	R194435-2	WG154015
1,2,4-Trimethylbenzene	mg/l	0.0199	0.0191	4.46	29	R194435-2	WG154015
1,2-Dibromo-3-Chloropropane	mg/l	0.0192	0.0175	9.45	21	R194435-2	WG154015
1,2-Dibromoethane	mg/l	0.0218	0.0203	7.27	19	R194435-2	WG154015
1,2-Dichlorobenzene	mg/l	0.0206	0.0201	2.45	16	R194435-2	WG154015
1,2-Dichloroethane	mg/l	0.0230	0.0232	1.04	13	R194435-2	WG154015
1,2-Dichloropropane	mg/l	0.0239	0.0206	15.0	14	R194435-2	WG154015
1,3,5-Trimethylbenzene	mg/l	0.0193	0.0182	5.92	28	R194435-2	WG154015
1,3-Dichlorobenzene	mg/l	0.0185	0.0178	3.91	25	R194435-2	WG154015
1,3-Dichloropropane	mg/l	0.0223	0.0205	8.49	15	R194435-2	WG154015
1,4-Dichlorobenzene	mg/l	0.0201	0.0197	1.96	18	R194435-2	WG154015
2,2-Dichloropropane	mg/l	0.0203	0.0209	2.97	31	R194435-2	WG154015
2-Butanone (MEK)	mg/l	0.0988	0.0999	1.09	10	R194435-2	WG154015
2-Chlorotoluene	mg/l	0.0199	0.0191	4.36	24	R194435-2	WG154015
4-Chlorotoluene	mg/l	0.0201	0.0187	6.81	22	R194435-2	WG154015
4-Methyl-2-pentanone (MIBK)	mg/l	0.0945	0.0986	4.29	12	R194435-2	WG154015
Acetone	mg/l	0.110	0.110	0.336	20	R194435-2	WG154015
Acrolein	mg/l	0.0338	0.0344	1.79	34	R194435-2	WG154015
Acrylonitrile	mg/l	0.0966	0.0957	0.863	13	R194435-2	WG154015
Benzene	mg/l	0.0206	0.0209	1.45	20	R194435-2	WG154015
Bromobenzene	mg/l	0.0200	0.0192	3.99	22	R194435-2	WG154015
Bromodichloromethane	mg/l	0.0226	0.0222	1.88	13	R194435-2	WG154015
Bromoform	mg/l	0.0195	0.0182	7.00	18	R194435-2	WG154015
Bromomethane	mg/l	0.0087	0.0085	2.31	20	R194435-2	WG154015
Carbon tetrachloride	mg/l	0.0197	0.0197	0.00	36	R194435-2	WG154015
Chlorobenzene	mg/l	0.0198	0.0192	3.28	21	R194435-2	WG154015
Chlorodibromomethane	mg/l	0.0203	0.0190	6.36	17	R194435-2	WG154015
Chloroethane	mg/l	0.0202	0.0211	4.40	25	R194435-2	WG154015

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Est. 1970

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Quality Assurance Report
Level II

L152439

April 29, 2004

Chloroform	mg/l	0.0200	0.0201	0.549	26	R194435-2	WG154015

		Laboratory Control Sample Duplicate					
Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Chloromethane	mg/l	0.0289	0.0299	3.40	31	R194435-2	WG154015
cis-1,2-Dichloroethene	mg/l	0.0210	0.0223	5.78	18	R194435-2	WG154015
di-isopropyl ether	mg/l	0.0235	0.0239	1.43	48	R194435-2	WG154015
Dibromomethane	mg/l	0.0211	0.0210	0.381	12	R194435-2	WG154015
Dichlorodifluoromethane	mg/l	0.0363	0.0362	0.304	28	R194435-2	WG154015
Ethylbenzene	mg/l	0.0199	0.0187	6.54	25	R194435-2	WG154015
Hexachlorobutadiene	mg/l	0.0202	0.0187	7.91	36	R194435-2	WG154015
Isopropylbenzene	mg/l	0.0194	0.0186	4.43	29	R194435-2	WG154015
m&p-Xylenes	mg/l	0.0391	0.0381	2.43	22	R194435-2	WG154015
Methyl tert-butyl ether	mg/l	0.0230	0.0234	1.68	34	R194435-2	WG154015
Methylene Chloride	mg/l	0.0211	0.0216	2.20	16	R194435-2	WG154015
n-Butylbenzene	mg/l	0.0210	0.0198	5.89	30	R194435-2	WG154015
n-Propylbenzene	mg/l	0.0200	0.0185	7.58	30	R194435-2	WG154015
Naphthalene	mg/l	0.0235	0.0197	17.7	39	R194435-2	WG154015
o-Xylene	mg/l	0.0197	0.0189	4.04	20	R194435-2	WG154015
p-Isopropyltoluene	mg/l	0.0194	0.0184	5.50	36	R194435-2	WG154015
sec-Butylbenzene	mg/l	0.0193	0.0184	4.77	32	R194435-2	WG154015
Styrene	mg/l	0.0201	0.0186	7.92	21	R194435-2	WG154015
tert-Butylbenzene	mg/l	0.0195	0.0184	5.71	30	R194435-2	WG154015
Tetrachloroethene	mg/l	0.0182	0.0180	1.16	32	R194435-2	WG154015
Toluene	mg/l	0.0201	0.0203	0.988	17	R194435-2	WG154015
trans-1,2-Dichloroethene	mg/l	0.0208	0.0224	7.56	27	R194435-2	WG154015
Trichloroethene	mg/l	0.0213	0.0213	0.0938	25	R194435-2	WG154015
Trichlorofluoromethane	mg/l	0.0205	0.0206	0.536	41	R194435-2	WG154015
Vinyl chloride	mg/l	0.0263	0.0272	3.29	36	R194435-2	WG154015

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Lead	mg/l	1.04	0.00	1	104.	75-125	L152441-07	WG153609
Lead	mg/l	1.04	0.00	1	104.	75-125	L152441-07	WG153609
1,1,1,2-Tetrachloroethane	mg/l	0.0186	0.00	0.02	93.0	67-139	L152425-06	WG153679
1,1,1-Trichloroethane	mg/l	0.0170	0.00	0.02	85.2	46-143	L152425-06	WG153679
1,1,2,2-Tetrachloroethane	mg/l	0.0204	0.00	0.02	102.	70-116	L152425-06	WG153679
1,1,2-Trichloroethane	mg/l	0.0201	0.00	0.02	100.	70-122	L152425-06	WG153679
1,1-Dichloroethane	mg/l	0.0188	0.00	0.02	94.1	47-138	L152425-06	WG153679
1,1-Dichloroethene	mg/l	0.0156	0.00	0.02	78.1	56-162	L152425-06	WG153679
1,1-Dichloropropene	mg/l	0.0188	0.00	0.02	94.1	49-140	L152425-06	WG153679
1,2,3-Trichlorobenzene	mg/l	0.0172	0.00	0.02	86.2	63-124	L152425-06	WG153679
1,2,3-Trichloropropane	mg/l	0.0202	0.00	0.02	101.	66-124	L152425-06	WG153679
1,2,4-Trichlorobenzene	mg/l	0.0154	0.00	0.02	76.8	52-130	L152425-06	WG153679
1,2,4-Trimethylbenzene	mg/l	0.0177	0.00	0.02	88.4	62-126	L152425-06	WG153679
1,2-Dibromo-3-Chloropropane	mg/l	0.0183	0.00	0.02	91.3	48-122	L152425-06	WG153679
1,2-Dibromoethane	mg/l	0.0199	0.00	0.02	99.6	74-121	L152425-06	WG153679
1,2-Dichlorobenzene	mg/l	0.0169	0.00	0.02	84.6	65-119	L152425-06	WG153679
1,2-Dichloroethane	mg/l	0.0206	0.00	0.02	103.	48-148	L152425-06	WG153679
1,2-Dichloropropane	mg/l	0.0198	0.00	0.02	99.2	66-122	L152425-06	WG153679
1,3,5-Trimethylbenzene	mg/l	0.0172	0.00	0.02	85.8	60-127	L152425-06	WG153679
1,3-Dichlorobenzene	mg/l	0.0167	0.00	0.02	83.7	62-122	L152425-06	WG153679
1,3-Dichloropropane	mg/l	0.0198	0.00	0.02	98.9	77-121	L152425-06	WG153679
1,4-Dichlorobenzene	mg/l	0.0157	0.00	0.02	78.5	60-123	L152425-06	WG153679
2,2-Dichloropropane	mg/l	0.0167	0.00	0.02	83.4	40-148	L152425-06	WG153679
2-Butanone (MEK)	mg/l	0.0934	0.00	0.1	93.4	26-114	L152425-06	WG153679
2-Chlorotoluene	mg/l	0.0174	0.00	0.02	87.2	62-120	L152425-06	WG153679
4-Chlorotoluene	mg/l	0.0170	0.00	0.02	84.8	63-123	L152425-06	WG153679
4-Methyl-2-pentanone (MIBK)	mg/l	0.0992	0.00	0.1	99.2	56-133	L152425-06	WG153679
Acetone	mg/l	0.0935	0.00	0.1	93.5	13-145	L152425-06	WG153679
Acrolein	mg/l	0.0323	0.00	0.1	32.3	14-90	L152425-06	WG153679

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Acrylonitrile	mg/l	0.0894	0.00	0.1	89.4	33-128	L152425-06	WG153679

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/l	0.0184	0.00	0.02	91.9	66-127	L152425-06	WG153679
Bromobenzene	mg/l	0.0184	0.00	0.02	92.2	67-134	L152425-06	WG153679
Bromodichloromethane	mg/l	0.0191	0.00	0.02	95.6	57-126	L152425-06	WG153679
Bromoform	mg/l	0.0161	0.00	0.02	80.3	52-130	L152425-06	WG153679
Bromomethane	mg/l	0.0169	0.00	0.02	84.6	17-150	L152425-06	WG153679
Carbon tetrachloride	mg/l	0.0167	0.00	0.02	83.6	42-141	L152425-06	WG153679
Chlorobenzene	mg/l	0.0176	0.00	0.02	87.8	66-125	L152425-06	WG153679
Chlorodibromomethane	mg/l	0.0177	0.00	0.02	88.6	58-123	L152425-06	WG153679
Chloroethane	mg/l	0.0211	0.00	0.02	106.	29-131	L152425-06	WG153679
Chloroform	mg/l	0.0183	0.00	0.02	91.3	46-136	L152425-06	WG153679
Chloromethane	mg/l	0.0220	0.00	0.02	110.	26-120	L152425-06	WG153679
cis-1,2-Dichloroethene	mg/l	0.0193	0.00	0.02	96.4	59-133	L152425-06	WG153679
Di-isopropyl ether	mg/l	0.0191	0.00	0.02	95.6	41-135	L152425-06	WG153679
Dibromomethane	mg/l	0.0197	0.00	0.02	98.6	64-119	L152425-06	WG153679
Dichlorodifluoromethane	mg/l	0.0283	0.00	0.02	141.	13-113	L152425-06	WG153679
Ethylbenzene	mg/l	0.0174	0.00	0.02	86.9	61-123	L152425-06	WG153679
Hexachlorobutadiene	mg/l	0.0148	0.00	0.02	74.2	39-138	L152425-06	WG153679
Isopropylbenzene	mg/l	0.0171	0.00	0.02	85.5	56-120	L152425-06	WG153679
m&p-Xylenes	mg/l	0.0345	0.00	0.04	86.2	71-127	L152425-06	WG153679
Methyl tert-butyl ether	mg/l	0.0187	0.00	0.02	93.6	56-144	L152425-06	WG153679
Methylene Chloride	mg/l	0.0191	0.00	0.02	95.7	55-123	L152425-06	WG153679
n-Butylbenzene	mg/l	0.0154	0.00	0.02	76.8	43-139	L152425-06	WG153679
n-Propylbenzene	mg/l	0.0166	0.00	0.02	82.9	57-127	L152425-06	WG153679
Naphthalene	mg/l	0.0159	0.00	0.02	79.4	39-122	L152425-06	WG153679
o-Xylene	mg/l	0.0171	0.00	0.02	85.6	70-126	L152425-06	WG153679
p-Isopropyltoluene	mg/l	0.0169	0.00	0.02	84.3	58-127	L152425-06	WG153679
sec-Butylbenzene	mg/l	0.0173	0.00	0.02	86.7	55-124	L152425-06	WG153679
Styrene	mg/l	0.0171	0.00	0.02	85.7	61-119	L152425-06	WG153679
tert-Butylbenzene	mg/l	0.0176	0.00	0.02	88.1	58-129	L152425-06	WG153679
Tetrachloroethene	mg/l	0.0164	0.00	0.02	82.0	49-144	L152425-06	WG153679
Toluene	mg/l	0.0169	0.00	0.02	84.5	59-123	L152425-06	WG153679
trans-1,2-Dichloroethene	mg/l	0.0189	0.00	0.02	94.6	53-145	L152425-06	WG153679
Trichloroethene	mg/l	0.0183	0.00	0.02	91.4	61-141	L152425-06	WG153679
Trichlorofluoromethane	mg/l	0.0179	0.00	0.02	89.7	24-113	L152425-06	WG153679
Vinyl chloride	mg/l	0.0208	0.00	0.02	104.	26-110	L152425-06	WG153679
1,1,1,2-Tetrachloroethane	mg/l	0.0200	0.00	0.02	100.	67-139	L152436-01	WG153789
1,1,1-Trichloroethane	mg/l	0.0178	0.00	0.02	89.1	46-143	L152436-01	WG153789
1,1,2,2-Tetrachloroethane	mg/l	0.0182	0.00	0.02	90.8	70-116	L152436-01	WG153789
1,1,2-Trichloroethane	mg/l	0.0191	0.00	0.02	95.3	70-122	L152436-01	WG153789
1,1-Dichloroethane	mg/l	0.0172	0.00	0.02	85.9	47-138	L152436-01	WG153789
1,1-Dichloroethene	mg/l	0.0187	0.00	0.02	93.5	56-162	L152436-01	WG153789
1,1-Dichloropropene	mg/l	0.0179	0.00	0.02	89.6	49-140	L152436-01	WG153789
1,2,3-Trichlorobenzene	mg/l	0.0123	0.00	0.02	61.4	63-124	L152436-01	WG153789
1,2,3-Trichloropropane	mg/l	0.0184	0.00	0.02	92.0	66-124	L152436-01	WG153789
1,2,4-Trichlorobenzene	mg/l	0.0122	0.00	0.02	60.9	52-130	L152436-01	WG153789
1,2,4-Trimethylbenzene	mg/l	0.0170	0.00	0.02	85.0	62-126	L152436-01	WG153789
1,2-Dibromo-3-Chloropropane	mg/l	0.0121	0.00	0.02	60.3	48-122	L152436-01	WG153789
1,2-Dibromoethane	mg/l	0.0184	0.00	0.02	91.9	74-121	L152436-01	WG153789
1,2-Dichlorobenzene	mg/l	0.0160	0.00	0.02	80.2	65-119	L152436-01	WG153789
1,2-Dichloroethane	mg/l	0.0196	0.00	0.02	98.1	48-148	L152436-01	WG153789
1,2-Dichloropropane	mg/l	0.0176	0.00	0.02	87.8	66-122	L152436-01	WG153789
1,3,5-Trimethylbenzene	mg/l	0.0174	0.00	0.02	87.2	60-127	L152436-01	WG153789
1,3-Dichlorobenzene	mg/l	0.0178	0.00	0.02	88.9	62-122	L152436-01	WG153789
1,3-Dichloropropane	mg/l	0.0187	0.00	0.02	93.7	77-121	L152436-01	WG153789
1,4-Dichlorobenzene	mg/l	0.0153	0.00	0.02	76.3	60-123	L152436-01	WG153789
2,2-Dichloropropane	mg/l	0.0176	0.00	0.02	88.1	40-148	L152436-01	WG153789
2-Butanone (MEK)	mg/l	0.0691	0.00	0.1	69.1	26-114	L152436-01	WG153789
2-Chlorotoluene	mg/l	0.0179	0.00	0.02	89.6	62-120	L152436-01	WG153789

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4-Chlorotoluene	mg/l	0.0179	0.00	0.02	89.6	63-123	L152436-01	WG153789

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
4-Methyl-2-pentanone (MIBK)	mg/l	0.0759	0.00	0.1	75.9	56-133	L152436-01	WG153789
Acetone	mg/l	0.0692	0.00	0.1	69.2	13-145	L152436-01	WG153789
Acrolein	mg/l	0.0156	0.00	0.1	15.6	14-90	L152436-01	WG153789
Acrylonitrile	mg/l	0.0691	0.00	0.1	69.1	33-128	L152436-01	WG153789
Benzene	mg/l	0.0173	0.00	0.02	86.6	66-127	L152436-01	WG153789
Bromobenzene	mg/l	0.0202	0.00	0.02	101.	67-134	L152436-01	WG153789
Bromodichloromethane	mg/l	0.0201	0.00	0.02	101.	57-126	L152436-01	WG153789
Bromoform	mg/l	0.0171	0.00	0.02	85.3	52-130	L152436-01	WG153789
Bromomethane	mg/l	0.0441	0.00	0.02	220.	17-150	L152436-01	WG153789
Carbon tetrachloride	mg/l	0.0181	0.00	0.02	90.3	42-141	L152436-01	WG153789
Chlorobenzene	mg/l	0.0184	0.00	0.02	92.1	66-125	L152436-01	WG153789
Chlorodibromomethane	mg/l	0.0175	0.00	0.02	87.7	58-123	L152436-01	WG153789
Chloroethane	mg/l	0.0174	0.00	0.02	86.8	29-131	L152436-01	WG153789
Chloroform	mg/l	0.0180	0.00	0.02	90.0	46-136	L152436-01	WG153789
Chloromethane	mg/l	0.0140	0.00	0.02	70.1	26-120	L152436-01	WG153789
cis-1,2-Dichloroethene	mg/l	0.0181	0.00	0.02	90.5	59-133	L152436-01	WG153789
Di-isopropyl ether	mg/l	0.0162	0.00	0.02	81.1	41-135	L152436-01	WG153789
Dibromomethane	mg/l	0.0178	0.00	0.02	88.8	64-119	L152436-01	WG153789
Dichlorodifluoromethane	mg/l	0.0134	0.00	0.02	67.0	13-113	L152436-01	WG153789
Ethylbenzene	mg/l	0.0176	0.00	0.02	88.1	61-123	L152436-01	WG153789
Hexachlorobutadiene	mg/l	0.0134	0.00	0.02	66.9	39-138	L152436-01	WG153789
Isopropylbenzene	mg/l	0.0178	0.00	0.02	88.8	56-120	L152436-01	WG153789
m&p-Xylenes	mg/l	0.0352	0.00	0.04	88.0	71-127	L152436-01	WG153789
Methyl tert-butyl ether	mg/l	0.0171	0.00	0.02	85.3	56-144	L152436-01	WG153789
Methylene Chloride	mg/l	0.0193	0.00	0.02	96.5	55-123	L152436-01	WG153789
n-Butylbenzene	mg/l	0.0121	0.00	0.02	60.4	43-139	L152436-01	WG153789
n-Propylbenzene	mg/l	0.0170	0.00	0.02	85.1	57-127	L152436-01	WG153789
Naphthalene	mg/l	0.0088	0.00	0.02	44.1	39-122	L152436-01	WG153789
o-Xylene	mg/l	0.0175	0.00	0.02	87.3	70-126	L152436-01	WG153789
p-Isopropyltoluene	mg/l	0.0157	0.00	0.02	78.4	58-127	L152436-01	WG153789
sec-Butylbenzene	mg/l	0.0164	0.00	0.02	82.1	55-124	L152436-01	WG153789
Styrene	mg/l	0.0171	0.00	0.02	85.6	61-119	L152436-01	WG153789
tert-Butylbenzene	mg/l	0.0169	0.00	0.02	84.7	58-129	L152436-01	WG153789
Tetrachloroethene	mg/l	0.0187	0.00	0.02	93.7	49-144	L152436-01	WG153789
Toluene	mg/l	0.0172	0.00	0.02	86.0	59-123	L152436-01	WG153789
trans-1,2-Dichloroethene	mg/l	0.0186	0.00	0.02	92.8	53-145	L152436-01	WG153789
Trichloroethene	mg/l	0.0189	0.00	0.02	94.6	61-141	L152436-01	WG153789
Trichlorofluoromethane	mg/l	0.0170	0.00	0.02	85.0	24-113	L152436-01	WG153789
Vinyl chloride	mg/l	0.0151	0.00	0.02	75.3	26-110	L152436-01	WG153789
1,1,1,2-Tetrachloroethane	mg/l	0.0171	0.00	0.02	85.6	67-139	L152753-01	WG154015
1,1,1-Trichloroethane	mg/l	0.0157	0.00	0.02	78.3	46-143	L152753-01	WG154015
1,1,2,2-Tetrachloroethane	mg/l	0.0222	0.00	0.02	111.	70-116	L152753-01	WG154015
1,1,2-Trichloroethane	mg/l	0.0219	0.00	0.02	110.	70-122	L152753-01	WG154015
1,1-Dichloroethane	mg/l	0.0204	0.00	0.02	102.	47-138	L152753-01	WG154015
1,1-Dichloroethene	mg/l	0.0198	0.00	0.02	99.0	56-162	L152753-01	WG154015
1,1-Dichloropropene	mg/l	0.0199	0.00	0.02	99.3	49-140	L152753-01	WG154015
1,2,3-Trichlorobenzene	mg/l	0.0182	0.00	0.02	91.2	63-124	L152753-01	WG154015
1,2,3-Trichloropropane	mg/l	0.0179	0.00	0.02	89.7	66-124	L152753-01	WG154015
1,2,4-Trichlorobenzene	mg/l	0.0174	0.00	0.02	86.8	52-130	L152753-01	WG154015
1,2,4-Trimethylbenzene	mg/l	0.0159	0.00	0.02	79.3	62-126	L152753-01	WG154015
1,2-Dibromo-3-Chloropropane	mg/l	0.0168	0.00	0.02	84.2	48-122	L152753-01	WG154015
1,2-Dibromoethane	mg/l	0.0186	0.00	0.02	92.9	74-121	L152753-01	WG154015
1,2-Dichlorobenzene	mg/l	0.0188	0.00	0.02	94.1	65-119	L152753-01	WG154015
1,2-Dichloroethane	mg/l	0.0179	0.00	0.02	89.7	48-148	L152753-01	WG154015
1,2-Dichloropropane	mg/l	0.0216	0.00	0.02	108.	66-122	L152753-01	WG154015
1,3,5-Trimethylbenzene	mg/l	0.0152	0.00	0.02	76.2	60-127	L152753-01	WG154015
1,3-Dichlorobenzene	mg/l	0.0152	0.00	0.02	75.8	62-122	L152753-01	WG154015
1,3-Dichloropropane	mg/l	0.0197	0.00	0.02	98.3	77-121	L152753-01	WG154015

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Quality Assurance Report
Level II

L152439

April 29, 2004

1,4-Dichlorobenzene	mg/l	0.0178	0.00	0.02	89.1	60-123	L152753-01	WG154015

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
2,2-Dichloropropane	mg/l	0.0167	0.00	0.02	83.4	40-148	L152753-01	WG154015
2-Butanone (MEK)	mg/l	0.113	0.00	0.1	113.	26-114	L152753-01	WG154015
2-Chlorotoluene	mg/l	0.0162	0.00	0.02	81.1	62-120	L152753-01	WG154015
4-Chlorotoluene	mg/l	0.0157	0.00	0.02	78.6	63-123	L152753-01	WG154015
4-Methyl-2-pentanone (MIBK)	mg/l	0.101	0.00	0.1	101.	56-133	L152753-01	WG154015
Acetone	mg/l	0.123	0.00	0.1	123.	13-145	L152753-01	WG154015
Acrolein	mg/l	0.0432	0.00	0.1	43.2	14-90	L152753-01	WG154015
Acrylonitrile	mg/l	0.111	0.00	0.1	111.	33-128	L152753-01	WG154015
Benzene	mg/l	0.0210	0.00	0.02	105.	66-127	L152753-01	WG154015
Bromobenzene	mg/l	0.0170	0.00	0.02	85.1	67-134	L152753-01	WG154015
Bromodichloromethane	mg/l	0.0187	0.00	0.02	93.3	57-126	L152753-01	WG154015
Bromoform	mg/l	0.0157	0.00	0.02	78.4	52-130	L152753-01	WG154015
Bromomethane	mg/l	0.0048	0.00	0.02	24.1	17-150	L152753-01	WG154015
Carbon tetrachloride	mg/l	0.0156	0.00	0.02	78.0	42-141	L152753-01	WG154015
Chlorobenzene	mg/l	0.0172	0.00	0.02	86.2	66-125	L152753-01	WG154015
Chlorodibromomethane	mg/l	0.0165	0.00	0.02	82.5	58-123	L152753-01	WG154015
Chloroethane	mg/l	0.0315	0.00	0.02	157.	29-131	L152753-01	WG154015
Chloroform	mg/l	0.0176	0.00	0.02	88.2	46-136	L152753-01	WG154015
Chloromethane	mg/l	0.0308	0.00	0.02	154.	26-120	L152753-01	WG154015
cis-1,2-Dichloroethene	mg/l	0.0207	0.00	0.02	103.	59-133	L152753-01	WG154015
Di-isopropyl ether	mg/l	0.0246	0.00	0.02	123.	41-135	L152753-01	WG154015
Dibromomethane	mg/l	0.0188	0.00	0.02	94.2	64-119	L152753-01	WG154015
Dichlorodifluoromethane	mg/l	0.0271	0.00	0.02	136.	13-113	L152753-01	WG154015
Ethylbenzene	mg/l	0.0167	0.00	0.02	83.5	61-123	L152753-01	WG154015
Hexachlorobutadiene	mg/l	0.0150	0.00	0.02	75.1	39-138	L152753-01	WG154015
Isopropylbenzene	mg/l	0.0156	0.00	0.02	77.8	56-120	L152753-01	WG154015
m&p-Xylenes	mg/l	0.0329	0.00	0.04	82.2	71-127	L152753-01	WG154015
Methyl tert-butyl ether	mg/l	0.0211	0.00	0.02	106.	56-144	L152753-01	WG154015
Methylene Chloride	mg/l	0.0215	0.00	0.02	108.	55-123	L152753-01	WG154015
n-Butylbenzene	mg/l	0.0176	0.00	0.02	88.0	43-139	L152753-01	WG154015
n-Propylbenzene	mg/l	0.0162	0.00	0.02	81.0	57-127	L152753-01	WG154015
Naphthalene	mg/l	0.0204	0.00	0.02	102.	39-122	L152753-01	WG154015
o-Xylene	mg/l	0.0163	0.00	0.02	81.6	70-126	L152753-01	WG154015
p-Isopropyltoluene	mg/l	0.0159	0.00	0.02	79.6	58-127	L152753-01	WG154015
sec-Butylbenzene	mg/l	0.0163	0.00	0.02	81.7	55-124	L152753-01	WG154015
Styrene	mg/l	0.0151	0.00	0.02	75.7	61-119	L152753-01	WG154015
tert-Butylbenzene	mg/l	0.0164	0.00	0.02	82.2	58-129	L152753-01	WG154015
Tetrachloroethene	mg/l	0.0154	0.00	0.02	77.1	49-144	L152753-01	WG154015
Toluene	mg/l	0.0180	0.00	0.02	89.9	59-123	L152753-01	WG154015
trans-1,2-Dichloroethene	mg/l	0.0200	0.00	0.02	99.9	53-145	L152753-01	WG154015
Trichloroethene	mg/l	0.0181	0.00	0.02	90.4	61-141	L152753-01	WG154015
Trichlorofluoromethane	mg/l	0.0157	0.00	0.02	78.4	24-113	L152753-01	WG154015
Vinyl chloride	mg/l	0.0282	0.00	0.02	141.	26-110	L152753-01	WG154015

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Lead	mg/l	1.03	1.04	0.300	20	103.	L152441-07	WG153609
Lead	mg/l	1.02	1.04	1.85	20	102.	L152441-07	WG153609
1,1,1,2-Tetrachloroethane	mg/l	0.0198	0.0186	6.35	16	99.1	L152425-06	WG153679
1,1,1-Trichloroethane	mg/l	0.0177	0.0170	3.63	28	88.3	L152425-06	WG153679
1,1,2,2-Tetrachloroethane	mg/l	0.0225	0.0204	9.68	10	113.	L152425-06	WG153679
1,1,2-Trichloroethane	mg/l	0.0210	0.0201	4.29	16	105.	L152425-06	WG153679
1,1-Dichloroethane	mg/l	0.0196	0.0188	3.81	17	97.8	L152425-06	WG153679
1,1-Dichloroethene	mg/l	0.0173	0.0156	10.2	36	86.5	L152425-06	WG153679
1,1-Dichloropropene	mg/l	0.0193	0.0188	2.62	33	96.6	L152425-06	WG153679
1,2,3-Trichlorobenzene	mg/l	0.0185	0.0172	7.21	17	92.7	L152425-06	WG153679
1,2,3-Trichloropropane	mg/l	0.0218	0.0202	7.63	13	109.	L152425-06	WG153679

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1,2,4-Trichlorobenzene	mg/l	0.0160	0.0154	4.15	25	80.0	L152425-06	WG153679

		Matrix Spike Duplicate						
nalyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,2,4-Trimethylbenzene	mg/l	0.0185	0.0177	4.64	29	92.6	L152425-06	WG153679
,2-Dibromo-3-Chloropropane	mg/l	0.0209	0.0183	13.4	21	104.	L152425-06	WG153679
,2-Dibromoethane	mg/l	0.0221	0.0199	10.2	19	110.	L152425-06	WG153679
,2-Dichlorobenzene	mg/l	0.0175	0.0169	3.26	16	87.4	L152425-06	WG153679
1,2-Dichloroethane	mg/l	0.0219	0.0206	6.02	13	109.	L152425-06	WG153679
1,2-Dichloropropane	mg/l	0.0215	0.0198	7.94	14	107.	L152425-06	WG153679
,3,5-Trimethylbenzene	mg/l	0.0179	0.0172	4.44	28	89.7	L152425-06	WG153679
,3-Dichlorobenzene	mg/l	0.0172	0.0167	2.88	25	86.2	L152425-06	WG153679
,3-Dichloropropane	mg/l	0.0213	0.0198	7.26	15	106.	L152425-06	WG153679
1,4-Dichlorobenzene	mg/l	0.0166	0.0157	5.33	18	82.8	L152425-06	WG153679
2,2-Dichloropropane	mg/l	0.0176	0.0167	5.48	31	88.1	L152425-06	WG153679
-Butanone (MEK)	mg/l	0.111	0.0934	17.0	10	111.	L152425-06	WG153679
-Chlorotoluene	mg/l	0.0182	0.0174	4.10	24	90.9	L152425-06	WG153679
-Chlorotoluene	mg/l	0.0180	0.0170	5.89	22	90.0	L152425-06	WG153679
4-Methyl-2-pentanone (MIBK)	mg/l	0.118	0.0992	17.2	12	118.	L152425-06	WG153679
Acetone	mg/l	0.108	0.0935	14.1	23	108.	L152425-06	WG153679
crolein	mg/l	0.0444	0.0323	31.6	34	44.4	L152425-06	WG153679
crylonitrile	mg/l	0.102	0.0894	13.4	13	102.	L152425-06	WG153679
Benzene	mg/l	0.0192	0.0184	4.21	20	95.8	L152425-06	WG153679
Bromobenzene	mg/l	0.0192	0.0184	4.09	22	96.1	L152425-06	WG153679
Bromodichloromethane	mg/l	0.0204	0.0191	6.53	13	102.	L152425-06	WG153679
romoform	mg/l	0.0178	0.0161	10.3	18	89.1	L152425-06	WG153679
romomethane	mg/l	0.0179	0.0169	5.80	20	89.7	L152425-06	WG153679
Carbon tetrachloride	mg/l	0.0178	0.0167	6.37	36	89.1	L152425-06	WG153679
Chlorobenzene	mg/l	0.0184	0.0176	4.46	21	91.8	L152425-06	WG153679
hlorodibromomethane	mg/l	0.0185	0.0177	4.04	17	92.3	L152425-06	WG153679
hloroethane	mg/l	0.0215	0.0211	1.69	25	107.	L152425-06	WG153679
hloroform	mg/l	0.0191	0.0183	4.23	26	95.3	L152425-06	WG153679
Chloromethane	mg/l	0.0230	0.0220	4.18	31	115.	L152425-06	WG153679
cis-1,2-Dichloroethene	mg/l	0.0200	0.0193	3.52	18	99.8	L152425-06	WG153679
i-isopropyl ether	mg/l	0.0202	0.0191	5.25	48	101.	L152425-06	WG153679
ibromomethane	mg/l	0.0208	0.0197	5.43	12	104.	L152425-06	WG153679
ichlorodifluoromethane	mg/l	0.0295	0.0283	4.22	28	147.	L152425-06	WG153679
Ethylbenzene	mg/l	0.0180	0.0174	3.78	25	90.2	L152425-06	WG153679
Hexachlorobutadiene	mg/l	0.0154	0.0148	4.03	36	77.2	L152425-06	WG153679
sopropylbenzene	mg/l	0.0179	0.0171	4.35	29	89.3	L152425-06	WG153679
&p-Xylenes	mg/l	0.0365	0.0345	5.55	22	91.2	L152425-06	WG153679
Methyl tert-butyl ether	mg/l	0.0204	0.0187	8.74	16	102.	L152425-06	WG153679
Methylene Chloride	mg/l	0.0202	0.0191	5.19	16	101.	L152425-06	WG153679
n-Butylbenzene	mg/l	0.0159	0.0154	3.39	30	79.5	L152425-06	WG153679
-Propylbenzene	mg/l	0.0176	0.0166	6.20	30	88.2	L152425-06	WG153679
aphthalene	mg/l	0.0180	0.0159	12.3	39	89.9	L152425-06	WG153679
o-Xylene	mg/l	0.0187	0.0171	8.82	20	93.5	L152425-06	WG153679
p-Isopropyltoluene	mg/l	0.0176	0.0169	4.29	36	88.0	L152425-06	WG153679
ec-Butylbenzene	mg/l	0.0182	0.0173	4.78	32	91.0	L152425-06	WG153679
tyrene	mg/l	0.0180	0.0171	5.12	21	90.2	L152425-06	WG153679
ert-Butylbenzene	mg/l	0.0186	0.0176	5.25	30	92.9	L152425-06	WG153679
Tetrachloroethene	mg/l	0.0171	0.0164	4.30	32	85.6	L152425-06	WG153679
Toluene	mg/l	0.0178	0.0169	5.36	17	89.2	L152425-06	WG153679
rans-1,2-Dichloroethene	mg/l	0.0200	0.0189	5.50	27	100.	L152425-06	WG153679
richloroethene	mg/l	0.0191	0.0183	4.13	25	95.3	L152425-06	WG153679
richlorofluoromethane	mg/l	0.0190	0.0179	5.85	41	95.1	L152425-06	WG153679
Vinyl chloride	mg/l	0.0221	0.0208	6.06	36	110.	L152425-06	WG153679
,1,1,2-Tetrachloroethane	mg/l	0.0221	0.0200	10.0	16	111.	L152436-01	WG153789
,1,1-Trichloroethane	mg/l	0.0199	0.0178	11.1	28	99.6	L152436-01	WG153789
1,1,2,2-Tetrachloroethane	mg/l	0.0208	0.0182	13.3	10	104.	L152436-01	WG153789
1,1,2-Trichloroethane	mg/l	0.0213	0.0191	11.3	16	107.	L152436-01	WG153789
1,1-Dichloroethane	mg/l	0.0191	0.0172	10.5	17	95.5	L152436-01	WG153789

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1,1-Dichloroethene	mg/l	0.0219	0.0187	15.9	36	110.	L152436-01	WG153789

Analyte	Units	Matrix Spike Duplicate MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,1-Dichloropropene	mg/l	0.0205	0.0179	13.5	33	103.	L152436-01	WG153789
1,2,3-Trichlorobenzene	mg/l	0.0148	0.0123	18.7	17	74.1	L152436-01	WG153789
1,2,3-Trichloropropane	mg/l	0.0211	0.0184	13.6	13	105.	L152436-01	WG153789
1,2,4-Trichlorobenzene	mg/l	0.0145	0.0122	17.4	25	72.5	L152436-01	WG153789
1,2,4-Trimethylbenzene	mg/l	0.0191	0.0170	11.7	29	95.6	L152436-01	WG153789
1,2-Dibromo-3-Chloropropane	mg/l	0.0145	0.0121	18.4	21	72.6	L152436-01	WG153789
1,2-Dibromoethane	mg/l	0.0204	0.0184	10.2	19	102.	L152436-01	WG153789
1,2-Dichlorobenzene	mg/l	0.0179	0.0160	11.2	16	89.7	L152436-01	WG153789
1,2-Dichloroethane	mg/l	0.0223	0.0196	12.7	13	111.	L152436-01	WG153789
1,2-Dichloropropane	mg/l	0.0198	0.0176	11.9	14	99.0	L152436-01	WG153789
1,3,5-Trimethylbenzene	mg/l	0.0192	0.0174	9.82	28	96.2	L152436-01	WG153789
1,3-Dichlorobenzene	mg/l	0.0196	0.0178	9.64	25	97.9	L152436-01	WG153789
1,3-Dichloropropane	mg/l	0.0206	0.0187	9.50	15	103.	L152436-01	WG153789
1,4-Dichlorobenzene	mg/l	0.0176	0.0153	14.1	18	87.9	L152436-01	WG153789
2,2-Dichloropropane	mg/l	0.0200	0.0176	12.9	31	100.	L152436-01	WG153789
2-Butanone (MEK)	mg/l	0.0849	0.0691	20.5	10	84.9	L152436-01	WG153789
2-Chlorotoluene	mg/l	0.0196	0.0179	8.80	24	97.9	L152436-01	WG153789
4-Chlorotoluene	mg/l	0.0196	0.0179	9.01	22	98.0	L152436-01	WG153789
4-Methyl-2-pentanone (MIBK)	mg/l	0.0952	0.0759	22.5	12	95.2	L152436-01	WG153789
Acetone	mg/l	0.0866	0.0692	22.3	23	86.6	L152436-01	WG153789
Acrolein	mg/l	0.0166	0.0156	6.28	34	16.6	L152436-01	WG153789
Acrylonitrile	mg/l	0.0815	0.0691	16.4	13	81.5	L152436-01	WG153789
Benzene	mg/l	0.0195	0.0173	12.1	20	97.7	L152436-01	WG153789
Bromobenzene	mg/l	0.0217	0.0202	7.41	22	109.	L152436-01	WG153789
Bromodichloromethane	mg/l	0.0219	0.0201	8.51	13	110.	L152436-01	WG153789
Bromoform	mg/l	0.0188	0.0171	9.60	18	93.9	L152436-01	WG153789
Bromomethane	mg/l	0.0471	0.0441	6.54	20	235.	L152436-01	WG153789
Carbon tetrachloride	mg/l	0.0205	0.0181	12.4	36	102.	L152436-01	WG153789
Chlorobenzene	mg/l	0.0201	0.0184	8.77	21	101.	L152436-01	WG153789
Chlorodibromomethane	mg/l	0.0191	0.0175	8.41	17	95.4	L152436-01	WG153789
Chloroethane	mg/l	0.0194	0.0174	11.1	25	96.9	L152436-01	WG153789
Chloroform	mg/l	0.0201	0.0180	10.9	26	100.	L152436-01	WG153789
Chloromethane	mg/l	0.0162	0.0140	14.2	31	80.9	L152436-01	WG153789
cis-1,2-Dichloroethene	mg/l	0.0200	0.0181	10.2	18	100.	L152436-01	WG153789
Di-isopropyl ether	mg/l	0.0183	0.0162	11.8	48	91.3	L152436-01	WG153789
Dibromomethane	mg/l	0.0199	0.0178	11.3	12	99.4	L152436-01	WG153789
Dichlorodifluoromethane	mg/l	0.0154	0.0134	13.8	28	77.0	L152436-01	WG153789
Ethylbenzene	mg/l	0.0194	0.0176	9.56	25	97.0	L152436-01	WG153789
Hexachlorobutadiene	mg/l	0.0159	0.0134	17.4	36	79.7	L152436-01	WG153789
Isopropylbenzene	mg/l	0.0196	0.0178	10.0	29	98.2	L152436-01	WG153789
m&p-Xylenes	mg/l	0.0393	0.0352	10.9	22	98.2	L152436-01	WG153789
Methyl tert-butyl ether	mg/l	0.0193	0.0171	12.3	16	96.5	L152436-01	WG153789
Methylene Chloride	mg/l	0.0213	0.0193	10.0	16	107.	L152436-01	WG153789
n-Butylbenzene	mg/l	0.0146	0.0121	18.8	30	72.9	L152436-01	WG153789
n-Propylbenzene	mg/l	0.0191	0.0170	11.6	30	95.6	L152436-01	WG153789
Naphthalene	mg/l	0.0114	0.0088	25.5	39	57.0	L152436-01	WG153789
o-Xylene	mg/l	0.0191	0.0175	9.13	20	95.6	L152436-01	WG153789
p-Isopropyltoluene	mg/l	0.0179	0.0157	13.3	36	89.6	L152436-01	WG153789
sec-Butylbenzene	mg/l	0.0188	0.0164	13.2	32	93.8	L152436-01	WG153789
Styrene	mg/l	0.0183	0.0171	6.83	21	91.6	L152436-01	WG153789
tert-Butylbenzene	mg/l	0.0191	0.0169	12.0	30	95.6	L152436-01	WG153789
Tetrachloroethene	mg/l	0.0207	0.0187	9.94	32	103.	L152436-01	WG153789
Toluene	mg/l	0.0196	0.0172	13.2	17	98.2	L152436-01	WG153789
trans-1,2-Dichloroethene	mg/l	0.0208	0.0186	11.5	27	104.	L152436-01	WG153789
Trichloroethene	mg/l	0.0214	0.0189	12.5	25	107.	L152436-01	WG153789
Trichlorofluoromethane	mg/l	0.0195	0.0170	13.5	41	97.3	L152436-01	WG153789
Vinyl chloride	mg/l	0.0173	0.0151	13.6	36	86.3	L152436-01	WG153789
1,1,1,2-Tetrachloroethane	mg/l	0.0181	0.0171	5.35	16	90.3	L152753-01	WG154015

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Quantum Environmental Inc.
Mr. Tom Davis
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

Quality Assurance Report
Level II

L152439

April 29, 2004

1,1,1-Trichloroethane	mg/l	0.0165	0.0157	4.92	28	82.3	L152753-01	WG154015

		Matrix Spike Duplicate						
Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,1,2,2-Tetrachloroethane	mg/l	0.0222	0.0222	0.135	10	111.	L152753-01	WG154015
1,1,2-Trichloroethane	mg/l	0.0218	0.0219	0.641	16	109.	L152753-01	WG154015
1,1-Dichloroethane	mg/l	0.0223	0.0204	8.72	17	111.	L152753-01	WG154015
1,1-Dichloroethene	mg/l	0.0201	0.0198	1.25	36	100.	L152753-01	WG154015
1,1-Dichloropropene	mg/l	0.0212	0.0199	6.77	33	106.	L152753-01	WG154015
1,2,3-Trichlorobenzene	mg/l	0.0196	0.0182	7.24	17	98.1	L152753-01	WG154015
1,2,3-Trichloropropane	mg/l	0.0184	0.0179	2.64	13	92.1	L152753-01	WG154015
1,2,4-Trichlorobenzene	mg/l	0.0193	0.0174	10.8	25	96.7	L152753-01	WG154015
1,2,4-Trimethylbenzene	mg/l	0.0159	0.0159	0.252	29	79.5	L152753-01	WG154015
1,2-Dibromo-3-Chloropropane	mg/l	0.0168	0.0168	0.0594	21	84.1	L152753-01	WG154015
1,2-Dibromoethane	mg/l	0.0195	0.0186	4.58	19	97.3	L152753-01	WG154015
1,2-Dichlorobenzene	mg/l	0.0190	0.0188	0.847	16	94.9	L152753-01	WG154015
1,2-Dichloroethane	mg/l	0.0195	0.0179	8.44	13	97.6	L152753-01	WG154015
1,2-Dichloropropane	mg/l	0.0225	0.0216	4.12	14	113.	L152753-01	WG154015
1,3,5-Trimethylbenzene	mg/l	0.0158	0.0152	3.80	28	79.2	L152753-01	WG154015
1,3-Dichlorobenzene	mg/l	0.0160	0.0152	5.33	25	80.0	L152753-01	WG154015
1,3-Dichloropropane	mg/l	0.0207	0.0197	5.35	15	104.	L152753-01	WG154015
1,4-Dichlorobenzene	mg/l	0.0180	0.0178	1.12	18	90.1	L152753-01	WG154015
2,2-Dichloropropane	mg/l	0.0174	0.0167	4.29	31	87.0	L152753-01	WG154015
2-Butanone (MEK)	mg/l	0.118	0.113	4.24	10	118.	L152753-01	WG154015
2-Chlorotoluene	mg/l	0.0167	0.0162	2.92	24	83.5	L152753-01	WG154015
4-Chlorotoluene	mg/l	0.0164	0.0157	4.11	22	81.9	L152753-01	WG154015
4-Methyl-2-pentanone (MIBK)	mg/l	0.0949	0.101	6.58	12	94.9	L152753-01	WG154015
Acetone	mg/l	0.118	0.123	4.04	23	118.	L152753-01	WG154015
Acrolein	mg/l	0.0389	0.0432	10.5	34	38.9	L152753-01	WG154015
Acrylonitrile	mg/l	0.110	0.111	0.362	13	110.	L152753-01	WG154015
Benzene	mg/l	0.0224	0.0210	6.37	20	112.	L152753-01	WG154015
Bromobenzene	mg/l	0.0177	0.0170	3.75	22	88.3	L152753-01	WG154015
Bromodichloromethane	mg/l	0.0195	0.0187	4.51	13	97.6	L152753-01	WG154015
Bromoform	mg/l	0.0167	0.0157	6.30	18	83.5	L152753-01	WG154015
Bromomethane	mg/l	0.0068	0.0048	34.9	20	34.3	L152753-01	WG154015
Carbon tetrachloride	mg/l	0.0166	0.0156	6.09	36	82.9	L152753-01	WG154015
Chlorobenzene	mg/l	0.0182	0.0172	5.20	21	90.8	L152753-01	WG154015
Chlorodibromomethane	mg/l	0.0176	0.0165	6.40	17	87.9	L152753-01	WG154015
Chloroethane	mg/l	0.0339	0.0315	7.41	25	169.	L152753-01	WG154015
Chloroform	mg/l	0.0190	0.0176	7.48	26	95.1	L152753-01	WG154015
Chloromethane	mg/l	0.0306	0.0308	0.587	31	153.	L152753-01	WG154015
cis-1,2-Dichloroethene	mg/l	0.0219	0.0207	5.45	18	109.	L152753-01	WG154015
Di-isopropyl ether	mg/l	0.0268	0.0246	8.37	48	134.	L152753-01	WG154015
Dibromomethane	mg/l	0.0197	0.0188	4.21	12	98.3	L152753-01	WG154015
Dichlorodifluoromethane	mg/l	0.0297	0.0271	9.29	28	149.	L152753-01	WG154015
Ethylbenzene	mg/l	0.0176	0.0167	5.02	25	87.8	L152753-01	WG154015
Hexachlorobutadiene	mg/l	0.0159	0.0150	5.76	36	79.5	L152753-01	WG154015
Isopropylbenzene	mg/l	0.0162	0.0156	3.97	29	81.0	L152753-01	WG154015
m&p-Xylenes	mg/l	0.0349	0.0329	5.88	22	87.1	L152753-01	WG154015
Methyl tert-butyl ether	mg/l	0.0224	0.0211	5.70	16	112.	L152753-01	WG154015
Methylene Chloride	mg/l	0.0224	0.0215	3.96	16	112.	L152753-01	WG154015
n-Butylbenzene	mg/l	0.0187	0.0176	6.01	30	93.5	L152753-01	WG154015
n-Propylbenzene	mg/l	0.0164	0.0162	1.11	30	81.9	L152753-01	WG154015
Naphthalene	mg/l	0.0229	0.0204	11.4	39	115.	L152753-01	WG154015
o-Xylene	mg/l	0.0175	0.0163	6.86	20	87.4	L152753-01	WG154015
p-Isopropyltoluene	mg/l	0.0163	0.0159	2.30	36	81.5	L152753-01	WG154015
sec-Butylbenzene	mg/l	0.0168	0.0163	2.60	32	83.9	L152753-01	WG154015
Styrene	mg/l	0.0157	0.0151	3.70	21	78.5	L152753-01	WG154015
tert-Butylbenzene	mg/l	0.0167	0.0164	1.75	30	83.7	L152753-01	WG154015
Tetrachloroethene	mg/l	0.0163	0.0154	5.73	32	81.7	L152753-01	WG154015
Toluene	mg/l	0.0188	0.0180	4.30	17	93.8	L152753-01	WG154015
trans-1,2-Dichloroethene	mg/l	0.0215	0.0200	7.42	27	108.	L152753-01	WG154015
Trichloroethene	mg/l	0.0189	0.0181	4.28	25	94.3	L152753-01	WG154015

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Quality Assurance Report
Level II

L152439

April 29, 2004

Trichlorofluoromethane	mg/l	0.0171	0.0157	8.67	41	85.5	L152753-01	WG154015

		Matrix Spike Duplicate						
Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Vinyl chloride	mg/l	0.0290	0.0282	2.83	36	145	L152753-01	WG154015

Batch number /Run number / Sample number cross reference

WG153609: R193906: L152439-01 02 03 04 05 06 07
WG153679: R193999: L152439-01 02 03
WG153789: R194143: L152439-04 06 07
WG153735: R194152: L152439-03 04
WG153796: R194253: L152439-05 06
WG154015: R194435: L152439-05

* See Attachment B of standard report for list of qualifiers.
* Calculations are performed prior to rounding of reported values .

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Raleigh, NC 27607

Quality Assurance Report
Level II

L152439

April 29, 2004

ESC Level 2 Data Package

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of regent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Quantum Environmental Inc.

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Alternate billing information:

Chain of Custody
Page 1 of 3

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Mr. Tom Davis
Email: tdavis@QUANTUMCOs.co

Project Description: Nello Teer
City/State Collected: NC

Phone: (919) 852-3595
FAX: (919) 852-1997
Client Project #: 001394012
Lab Project #: QUANTUM-001394012

Collected by (print): Tom Davis
Site/Facility ID#:
P.O.#:

Collected by (signature):
Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
___Same Day 200%
___ Next Day. 100%
___ Two Day 50%

Date Results Needed
Email? __No X Yes
FAX? No Yes

CoCode: OUANTUM (lab use only)
Template/Prelogin T24102/ P109394
Cooler #: 3/31/04
Shipped Via: FedEX Ground CC

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Metals 250mlHDPE-HNO3	SV625 1L-Amb-NaTio	V6210 40mlAmb-HCl						Remarks/Contaminant	Sample # (lab only)
MW-1	G	GW		4/23/04	1305	3	X		X							L152439-21
MW-7	G	GW		"	1332	3	X		X							-22
MW-9	G	GW		"	1544	4	X	X	X							-23
MW-11	G	GW		"	1630	4	X	X	X							-24
~~MW-13~~ MW-23	G	GW		"	1417	4	X	X	X							-25
MW-15I	G	GW		4/23/04	1505	4	X	X	X							-26
MW-17	G	GW		"	1653	3	X		X							-27
~~MW-18~~		GW				3	X		X							
~~MW-20D~~		GW				4	X	X	X							

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
	4/23/04	1800	FedEX		OK
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.8°C Bottles Received: 25+1-23	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/04 Time: 1100	pH Checked: 02 NCF:

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	Quantum Environmental Inc.	Sample ID:	MW-9
Matrix :	Water	ESC Sample Number:	L152439-03
Date Collected:	4/23/2004	Lab File ID:	0426A_26
Date Analyzed:	4/28/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 1

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
000085-60-9	Phenol, 4,4'butylidenebis[2-(1,1-dimethylo-5…	9.61	0.01	J

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	Quantum Environmental Inc.	Sample ID:	MW-11
Matrix :	Water	ESC Sample Number:	L152439-04
Date Collected:	4/23/2004	Lab File ID:	0426A 27
Date Analyzed:	4/28/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard. from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 3

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
000112-79-8	9-Octadecenoic acid	8.34	0.01	J
000085-60-9	Phenol, 4,4'butylidenebis[2-(1,1-dimethyl)-5…	9.61	0.03	J
000112-84-5	Erucylamide	9.88	0.01	J

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	QUANTUM	Sample ID:	MW-23
Matrix :	Water	ESC Sample Number:	L152439-05
Date Collected:	4/23/2004	Lab File ID:	0427 18
Date Analyzed:	4/29/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 6

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
056253-64-6	benzene, (2-methyl-1-butenyl)-	5.92	0.01	J
006682-71-9	IH-Indene, 2,3,-dihydro-4,7-dimethyl	6	0.01	J
001075-22-5	IH-Indene, 2,3,-dihydro-5,6-dimethyl	6.12	0.01	J
000581-40-8	napthalene, 2,3-dimethyl-	6.62	0.01	J
000131-57-7	oxybenzene	8.26	0.01	J
00301-02-0	9-octadecenamide,)Z)-	9.92	0.01	J

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	QUANTUM	Sample ID:	MW-1SI
Matrix :	Water	ESC Sample Number:	L152439-06
Date Collected:	4/23/2004	Lab File ID:	0427 17
Date Analyzed:	4/29/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard. from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 2

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
000118-56-9	homosalate	7.89	0.01	J
000085-60-9	phenol, 4,4'-butylidenebis(2-(1,dimethylethyl)-5	9.65	0.01	J

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-26

Collected By : Davis
Collection Date : 04/26/04 07:34

ESC Sample # : L152584-01

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/28/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/28/04	1
Acrolein	BDL	50.	ug/l	6210D	04/28/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/28/04	1
Benzene	BDL	1.0	ug/l	6210D	04/28/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/28/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/28/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/28/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/28/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/28/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/28/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/28/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/28/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloroethane	2.0	1.0	ug/l	6210D	04/28/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloroethene	1.0	1.0	ug/l	6210D	04/28/04	1
cis-1,2-Dichloroethene	2.6	1.0	ug/l	6210D	04/28/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/28/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/28/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-26

Collected By : Davis
Collection Date : 04/26/04 07:34

ESC Sample # : L152584-01

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/28/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/28/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/28/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/28/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/28/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/28/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/28/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Styrene	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
Toluene	BDL	5.0	ug/l	6210D	04/28/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/28/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/28/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/28/04	1
Surrogate Recovery						
Toluene-d8	97.		% Rec.	6210D	04/28/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/28/04	1
4-Bromofluorobenzene	91.		% Rec.	6210D	04/28/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-29

Collected By : Davis
Collection Date : 04/26/04 07:57

ESC Sample # : L152584-02

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/28/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/28/04	1
Acrolein	BDL	50.	ug/l	6210D	04/28/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/28/04	1
Benzene	BDL	1.0	ug/l	6210D	04/28/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/28/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/28/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/28/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/28/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/28/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/28/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/28/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/28/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloroethane	1.0	1.0	ug/l	6210D	04/28/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/28/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/28/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

ESC Sample # : L152584-02

Site ID :

Project # : 001394012

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-29

Collected By : Davis
Collection Date : 04/26/04 07:57

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/28/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/28/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/28/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/28/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/28/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/28/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/28/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Styrene	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
Toluene	BDL	5.0	ug/l	6210D	04/28/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/28/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/28/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/28/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/28/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/28/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/28/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/28/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/28/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/28/04	1
4-Bromofluorobenzene	93.		% Rec.	6210D	04/28/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/28/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/28/04	1
Anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzidine	BDL	50.	ug/l	625	04/28/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/28/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

ESC Sample # : L152584-02

Site ID :

Project # : 001394012

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-29

Collected By : Davis
Collection Date : 04/26/04 07:57

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/28/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/28/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/28/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
Chrysene	BDL	10.	ug/l	625	04/28/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/28/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
Fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Fluorene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/28/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/28/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/28/04	1
Isophorone	BDL	10.	ug/l	625	04/28/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/28/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/28/04	1
Naphthalene	BDL	10.	ug/l	625	04/28/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/28/04	1
Phenanthrene	BDL	10.	ug/l	625	04/28/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Pyrene	BDL	10.	ug/l	625	04/28/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/28/04	1

Acid Extractables

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-29

Collected By : Davis
Collection Date : 04/26/04 07:57

ESC Sample # : L152584-02

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/28/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/28/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/28/04	1
Phenol	BDL	10.	ug/l	625	04/28/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/28/04	1
Surrogate Recovery						
Nitrobenzene-d5	30.		% Rec.	625	04/28/04	1
2-Fluorobiphenyl	39.		% Rec.	625	04/28/04	1
p-Terphenyl-d14	55.		% Rec.	625	04/28/04	1
Phenol-d5	28.		% Rec.	625	04/28/04	1
2-Fluorophenol	38.		% Rec.	625	04/28/04	1
2,4,6-Tribromophenol	99.		% Rec.	625	04/28/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-25I

Collected By : Davis
Collection Date : 04/26/04 08:30

ESC Sample # : L152584-03

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	12.	5.0	ug/l	6010B	04/28/04	1
Volatile Organics						
Acetone	BDL	120	ug/l	6210D	04/28/04	5
Acrolein	BDL	250	ug/l	6210D	04/28/04	5
Acrylonitrile	BDL	50.	ug/l	6210D	04/28/04	5
Benzene	BDL	5.0	ug/l	6210D	04/28/04	5
Bromobenzene	BDL	5.0	ug/l	6210D	04/28/04	5
Bromodichloromethane	BDL	5.0	ug/l	6210D	04/28/04	5
Bromoform	BDL	5.0	ug/l	6210D	04/28/04	5
Bromomethane	BDL	5.0	ug/l	6210D	04/28/04	5
n-Butylbenzene	BDL	5.0	ug/l	6210D	04/28/04	5
sec-Butylbenzene	BDL	5.0	ug/l	6210D	04/28/04	5
tert-Butylbenzene	BDL	5.0	ug/l	6210D	04/28/04	5
Carbon tetrachloride	BDL	5.0	ug/l	6210D	04/28/04	5
Chlorobenzene	BDL	5.0	ug/l	6210D	04/28/04	5
Chlorodibromomethane	BDL	5.0	ug/l	6210D	04/28/04	5
Chloroethane	110	5.0	ug/l	6210D	04/28/04	5
Chloroform	BDL	25.	ug/l	6210D	04/28/04	5
Chloromethane	BDL	5.0	ug/l	6210D	04/28/04	5
2-Chlorotoluene	BDL	5.0	ug/l	6210D	04/28/04	5
4-Chlorotoluene	6.6	5.0	ug/l	6210D	04/28/04	5
1,2-Dibromo-3-Chloropropane	BDL	10.	ug/l	6210D	04/28/04	5
1,2-Dibromoethane	BDL	5.0	ug/l	6210D	04/28/04	5
Dibromomethane	BDL	5.0	ug/l	6210D	04/28/04	5
1,2-Dichlorobenzene	BDL	5.0	ug/l	6210D	04/28/04	5
1,3-Dichlorobenzene	BDL	5.0	ug/l	6210D	04/28/04	5
1,4-Dichlorobenzene	BDL	5.0	ug/l	6210D	04/28/04	5
Dichlorodifluoromethane	BDL	5.0	ug/l	6210D	04/28/04	5
1,1-Dichloroethane	92.	5.0	ug/l	6210D	04/28/04	5
1,2-Dichloroethane	BDL	5.0	ug/l	6210D	04/28/04	5
1,1-Dichloroethene	BDL	5.0	ug/l	6210D	04/28/04	5
cis-1,2-Dichloroethene	BDL	5.0	ug/l	6210D	04/28/04	5
trans-1,2-Dichloroethene	BDL	5.0	ug/l	6210D	04/28/04	5
1,2-Dichloropropane	BDL	5.0	ug/l	6210D	04/28/04	5
1,1-Dichloropropene	BDL	5.0	ug/l	6210D	04/28/04	5
1,3-Dichloropropane	BDL	5.0	ug/l	6210D	04/28/04	5
2,2-Dichloropropane	BDL	5.0	ug/l	6210D	04/28/04	5
Di-isopropyl ether	BDL	5.0	ug/l	6210D	04/28/04	5

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-25I

Collected By : Davis
Collection Date : 04/26/04 08:30

ESC Sample # : L152584-03

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	5.0	ug/l	6210D	04/28/04	5
Hexachlorobutadiene	BDL	5.0	ug/l	6210D	04/28/04	5
Isopropylbenzene	BDL	5.0	ug/l	6210D	04/28/04	5
p-Isopropyltoluene	BDL	5.0	ug/l	6210D	04/28/04	5
2-Butanone (MEK)	BDL	50.	ug/l	6210D	04/28/04	5
Methylene Chloride	BDL	25.	ug/l	6210D	04/28/04	5
4-Methyl-2-pentanone (MIBK)	BDL	50.	ug/l	6210D	04/28/04	5
Methyl tert-butyl ether	BDL	5.0	ug/l	6210D	04/28/04	5
Naphthalene	BDL	25.	ug/l	6210D	04/28/04	5
n-Propylbenzene	BDL	5.0	ug/l	6210D	04/28/04	5
Styrene	BDL	5.0	ug/l	6210D	04/28/04	5
1,1,1,2-Tetrachloroethane	BDL	5.0	ug/l	6210D	04/28/04	5
1,1,2,2-Tetrachloroethane	BDL	5.0	ug/l	6210D	04/28/04	5
Tetrachloroethene	BDL	5.0	ug/l	6210D	04/28/04	5
Toluene	BDL	25.	ug/l	6210D	04/28/04	5
1,2,3-Trichlorobenzene	BDL	5.0	ug/l	6210D	04/28/04	5
1,2,4-Trichlorobenzene	BDL	5.0	ug/l	6210D	04/28/04	5
1,1,1-Trichloroethane	7.0	5.0	ug/l	6210D	04/28/04	5
1,1,2-Trichloroethane	BDL	5.0	ug/l	6210D	04/28/04	5
Trichloroethene	BDL	5.0	ug/l	6210D	04/28/04	5
Trichlorofluoromethane	BDL	5.0	ug/l	6210D	04/28/04	5
1,2,3-Trichloropropane	BDL	5.0	ug/l	6210D	04/28/04	5
1,2,4-Trimethylbenzene	BDL	5.0	ug/l	6210D	04/28/04	5
1,3,5-Trimethylbenzene	BDL	5.0	ug/l	6210D	04/28/04	5
Vinyl chloride	48.	5.0	ug/l	6210D	04/28/04	5
o-Xylene	BDL	5.0	ug/l	6210D	04/28/04	5
m&p-Xylenes	BDL	10.	ug/l	6210D	04/28/04	5
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/28/04	5
Dibromofluoromethane	100		% Rec.	6210D	04/28/04	5
4-Bromofluorobenzene	93.		% Rec.	6210D	04/28/04	5
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/28/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/28/04	1
Anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzidine	BDL	50.	ug/l	625	04/28/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/28/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-25I

Collected By : Davis
Collection Date : 04/26/04 08:30

ESC Sample # : L152584-03

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/28/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/28/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/28/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
Chrysene	BDL	10.	ug/l	625	04/28/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/28/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
Fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Fluorene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/28/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/28/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/28/04	1
Isophorone	BDL	10.	ug/l	625	04/28/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/28/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/28/04	1
Naphthalene	BDL	10.	ug/l	625	04/28/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/28/04	1
Phenanthrene	BDL	10.	ug/l	625	04/28/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Pyrene	BDL	10.	ug/l	625	04/28/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/28/04	1

Acid Extractables

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-25I

Collected By : Davis
Collection Date : 04/26/04 08:30

ESC Sample # : L152584-03

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/28/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/28/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/28/04	1
Phenol	BDL	10.	ug/l	625	04/28/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/28/04	1
Surrogate Recovery						
Nitrobenzene-d5	37.		% Rec.	625	04/28/04	1
2-Fluorobiphenyl	50.		% Rec.	625	04/28/04	1
p-Terphenyl-d14	61.		% Rec.	625	04/28/04	1
Phenol-d5	31.		% Rec.	625	04/28/04	1
2-Fluorophenol	42.		% Rec.	625	04/28/04	1
2,4,6-Tribromophenol	92.		% Rec.	625	04/28/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
The reported analytical results relate only to the sample submitted.
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Reported: 05/03/04 13:35 Printed: 05/03/04 13:36

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-3

Collected By : Davis
Collection Date : 04/26/04 09:25

ESC Sample # : L152584-04

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/28/04	1
Volatile Organics						
Acetone	BDL	250	ug/l	6210D	04/30/04	10
Acrolein	BDL	500	ug/l	6210D	04/30/04	10
Acrylonitrile	BDL	100	ug/l	6210D	04/30/04	10
Benzene	64.	10.	ug/l	6210D	04/30/04	10
Bromobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Bromodichloromethane	BDL	10.	ug/l	6210D	04/30/04	10
Bromoform	BDL	10.	ug/l	6210D	04/30/04	10
Bromomethane	BDL	10.	ug/l	6210D	04/30/04	10
n-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
sec-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
tert-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Carbon tetrachloride	BDL	10.	ug/l	6210D	04/30/04	10
Chlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Chlorodibromomethane	BDL	10.	ug/l	6210D	04/30/04	10
Chloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Chloroform	BDL	50.	ug/l	6210D	04/30/04	10
Chloromethane	BDL	10.	ug/l	6210D	04/30/04	10
2-Chlorotoluene	BDL	10.	ug/l	6210D	04/30/04	10
4-Chlorotoluene	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dibromo-3-Chloropropane	BDL	20.	ug/l	6210D	04/30/04	10
1,2-Dibromoethane	BDL	10.	ug/l	6210D	04/30/04	10
Dibromomethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,3-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,4-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Dichlorodifluoromethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
cis-1,2-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
trans-1,2-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloropropene	BDL	10.	ug/l	6210D	04/30/04	10
1,3-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
2,2-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
Di-isopropyl ether	36.	10.	ug/l	6210D	04/30/04	10

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-3

Collected By : Davis
Collection Date : 04/26/04 09:25

ESC Sample # : L152584-04

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	47.	10.	ug/l	6210D	04/30/04	10
Hexachlorobutadiene	BDL	10.	ug/l	6210D	04/30/04	10
Isopropylbenzene	17.	10.	ug/l	6210D	04/30/04	10
p-Isopropyltoluene	BDL	10.	ug/l	6210D	04/30/04	10
2-Butanone (MEK)	BDL	100	ug/l	6210D	04/30/04	10
Methylene Chloride	BDL	50.	ug/l	6210D	04/30/04	10
4-Methyl-2-pentanone (MIBK)	BDL	100	ug/l	6210D	04/30/04	10
Methyl tert-butyl ether	BDL	10.	ug/l	6210D	04/30/04	10
Naphthalene	110	50.	ug/l	6210D	04/30/04	10
n-Propylbenzene	22.	10.	ug/l	6210D	04/30/04	10
Styrene	BDL	10.	ug/l	6210D	04/30/04	10
1,1,1,2-Tetrachloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1,2,2-Tetrachloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Tetrachloroethene	BDL	10.	ug/l	6210D	04/30/04	10
Toluene	BDL	50.	ug/l	6210D	04/30/04	10
1,2,3-Trichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,2,4-Trichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,1,1-Trichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1,2-Trichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Trichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
Trichlorofluoromethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2,3-Trichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
1,2,4-Trimethylbenzene	28.	10.	ug/l	6210D	04/30/04	10
1,3,5-Trimethylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Vinyl chloride	BDL	10.	ug/l	6210D	04/30/04	10
o-Xylene	11.	10.	ug/l	6210D	04/30/04	10
m&p-Xylenes	96.	20.	ug/l	6210D	04/30/04	10
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/30/04	10
Dibromofluoromethane	120		% Rec.	6210D	04/30/04	10
4-Bromofluorobenzene	100		% Rec.	6210D	04/30/04	10
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/28/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/28/04	1
Anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzidine	BDL	50.	ug/l	625	04/28/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/28/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-3

Collected By : Davis
Collection Date : 04/26/04 09:25

ESC Sample # : L152584-04

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/28/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/28/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/28/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
Chrysene	BDL	10.	ug/l	625	04/28/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/28/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
Fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Fluorene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/28/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/28/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/28/04	1
Isophorone	BDL	10.	ug/l	625	04/28/04	1
1-Methylnaphthalene	41.	10.	ug/l	625	04/28/04	1
2-Methylnaphthalene	40.	10.	ug/l	625	04/28/04	1
Naphthalene	40.	10.	ug/l	625	04/28/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/28/04	1
Phenanthrene	BDL	10.	ug/l	625	04/28/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Pyrene	BDL	10.	ug/l	625	04/28/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/28/04	1

Acid Extractables

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-3

Collected By : Davis
Collection Date : 04/26/04 09:25

ESC Sample # : L152584-04

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/28/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/28/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/28/04	1
Phenol	BDL	10.	ug/l	625	04/28/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/28/04	1
Surrogate Recovery						
Nitrobenzene-d5	33.		% Rec.	625	04/28/04	1
2-Fluorobiphenyl	41.		% Rec.	625	04/28/04	1
p-Terphenyl-d14	50.		% Rec.	625	04/28/04	1
Phenol-d5	27.		% Rec.	625	04/28/04	1
2-Fluorophenol	41.		% Rec.	625	04/28/04	1
2,4,6-Tribromophenol	78.		% Rec.	625	04/28/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-10

Collected By : Davis
Collection Date : 04/26/04 11:15

ESC Sample # : L152584-05

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	13.	5.0	ug/l	6010B	04/28/04	1
Volatile Organics						
Acetone	BDL	250	ug/l	6210D	04/30/04	10
Acrolein	BDL	500	ug/l	6210D	04/30/04	10
Acrylonitrile	BDL	100	ug/l	6210D	04/30/04	10
Benzene	BDL	10.	ug/l	6210D	04/30/04	10
Bromobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Bromodichloromethane	BDL	10.	ug/l	6210D	04/30/04	10
Bromoform	BDL	10.	ug/l	6210D	04/30/04	10
Bromomethane	BDL	10.	ug/l	6210D	04/30/04	10
n-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
sec-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
tert-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Carbon tetrachloride	BDL	10.	ug/l	6210D	04/30/04	10
Chlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Chlorodibromomethane	BDL	10.	ug/l	6210D	04/30/04	10
Chloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Chloroform	BDL	50.	ug/l	6210D	04/30/04	10
Chloromethane	BDL	10.	ug/l	6210D	04/30/04	10
2-Chlorotoluene	BDL	10.	ug/l	6210D	04/30/04	10
4-Chlorotoluene	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dibromo-3-Chloropropane	BDL	20.	ug/l	6210D	04/30/04	10
1,2-Dibromoethane	BDL	10.	ug/l	6210D	04/30/04	10
Dibromomethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,3-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,4-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Dichlorodifluoromethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
cis-1,2-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
trans-1,2-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloropropene	BDL	10.	ug/l	6210D	04/30/04	10
1,3-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
2,2-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
Di-isopropyl ether	BDL	10.	ug/l	6210D	04/30/04	10

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-10

Collected By : Davis
Collection Date : 04/26/04 11:15

ESC Sample # : L152584-05

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Hexachlorobutadiene	BDL	10.	ug/l	6210D	04/30/04	10
Isopropylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
p-Isopropyltoluene	BDL	10.	ug/l	6210D	04/30/04	10
2-Butanone (MEK)	BDL	100	ug/l	6210D	04/30/04	10
Methylene Chloride	BDL	50.	ug/l	6210D	04/30/04	10
4-Methyl-2-pentanone (MIBK)	BDL	100	ug/l	6210D	04/30/04	10
Methyl tert-butyl ether	BDL	10.	ug/l	6210D	04/30/04	10
Naphthalene	72.	50.	ug/l	6210D	04/30/04	10
n-Propylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Styrene	BDL	10.	ug/l	6210D	04/30/04	10
1,1,1,2-Tetrachloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1,2,2-Tetrachloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Tetrachloroethene	BDL	10.	ug/l	6210D	04/30/04	10
Toluene	BDL	50.	ug/l	6210D	04/30/04	10
1,2,3-Trichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,2,4-Trichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,1,1-Trichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1,2-Trichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Trichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
Trichlorofluoromethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2,3-Trichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
1,2,4-Trimethylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,3,5-Trimethylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Vinyl chloride	BDL	10.	ug/l	6210D	04/30/04	10
o-Xylene	BDL	10.	ug/l	6210D	04/30/04	10
m&p-Xylenes	BDL	20.	ug/l	6210D	04/30/04	10
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/30/04	10
Dibromofluoromethane	120		% Rec.	6210D	04/30/04	10
4-Bromofluorobenzene	100		% Rec.	6210D	04/30/04	10
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/28/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/28/04	1
Anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzidine	BDL	50.	ug/l	625	04/28/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/28/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-10

Collected By : Davis
Collection Date : 04/26/04 11:15

ESC Sample # : L152584-05

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/28/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/28/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/28/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
Chrysene	BDL	10.	ug/l	625	04/28/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/28/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
Fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Fluorene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/28/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/28/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/28/04	1
Isophorone	BDL	10.	ug/l	625	04/28/04	1
1-Methylnaphthalene	15.	10.	ug/l	625	04/28/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/28/04	1
Naphthalene	12.	10.	ug/l	625	04/28/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/28/04	1
Phenanthrene	BDL	10.	ug/l	625	04/28/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Pyrene	BDL	10.	ug/l	625	04/28/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/28/04	1

Acid Extractables

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

ESC Sample # : L152584-05

Site ID :

Project # : 001394012

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-10

Collected By : Davis
Collection Date : 04/26/04 11:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/28/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/28/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/28/04	1
Phenol	BDL	10.	ug/l	625	04/28/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/28/04	1
Surrogate Recovery						
Nitrobenzene-d5	41.		% Rec.	625	04/28/04	1
2-Fluorobiphenyl	59.		% Rec.	625	04/28/04	1
p-Terphenyl-d14	55.		% Rec.	625	04/28/04	1
Phenol-d5	32.		% Rec.	625	04/28/04	1
2-Fluorophenol	41.		% Rec.	625	04/28/04	1
2,4,6-Tribromophenol	98.		% Rec.	625	04/28/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-8

Collected By : Davis
Collection Date : 04/26/04 11:20

ESC Sample # : L152584-06

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/28/04	1
Volatile Organics						
Acetone	BDL	250	ug/l	6210D	04/30/04	10
Acrolein	BDL	500	ug/l	6210D	04/30/04	10
Acrylonitrile	BDL	100	ug/l	6210D	04/30/04	10
Benzene	15.	10.	ug/l	6210D	04/30/04	10
Bromobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Bromodichloromethane	BDL	10.	ug/l	6210D	04/30/04	10
Bromoform	BDL	10.	ug/l	6210D	04/30/04	10
Bromomethane	BDL	10.	ug/l	6210D	04/30/04	10
n-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
sec-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
tert-Butylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Carbon tetrachloride	BDL	10.	ug/l	6210D	04/30/04	10
Chlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Chlorodibromomethane	BDL	10.	ug/l	6210D	04/30/04	10
Chloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Chloroform	BDL	50.	ug/l	6210D	04/30/04	10
Chloromethane	BDL	10.	ug/l	6210D	04/30/04	10
2-Chlorotoluene	BDL	10.	ug/l	6210D	04/30/04	10
4-Chlorotoluene	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dibromo-3-Chloropropane	BDL	20.	ug/l	6210D	04/30/04	10
1,2-Dibromoethane	BDL	10.	ug/l	6210D	04/30/04	10
Dibromomethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,3-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,4-Dichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
Dichlorodifluoromethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
cis-1,2-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
trans-1,2-Dichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
1,2-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
1,1-Dichloropropene	BDL	10.	ug/l	6210D	04/30/04	10
1,3-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
2,2-Dichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
Di-isopropyl ether	11.	10.	ug/l	6210D	04/30/04	10

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-8

Collected By : Davis
Collection Date : 04/26/04 11:20

ESC Sample # : L152584-06

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Hexachlorobutadiene	BDL	10.	ug/l	6210D	04/30/04	10
Isopropylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
p-Isopropyltoluene	BDL	10.	ug/l	6210D	04/30/04	10
2-Butanone (MEK)	BDL	100	ug/l	6210D	04/30/04	10
Methylene Chloride	BDL	50.	ug/l	6210D	04/30/04	10
4-Methyl-2-pentanone (MIBK)	BDL	100	ug/l	6210D	04/30/04	10
Methyl tert-butyl ether	BDL	10.	ug/l	6210D	04/30/04	10
Naphthalene	BDL	50.	ug/l	6210D	04/30/04	10
n-Propylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Styrene	BDL	10.	ug/l	6210D	04/30/04	10
1,1,1,2-Tetrachloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1,2,2-Tetrachloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Tetrachloroethene	BDL	10.	ug/l	6210D	04/30/04	10
Toluene	BDL	50.	ug/l	6210D	04/30/04	10
1,2,3-Trichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,2,4-Trichlorobenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,1,1-Trichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
1,1,2-Trichloroethane	BDL	10.	ug/l	6210D	04/30/04	10
Trichloroethene	BDL	10.	ug/l	6210D	04/30/04	10
Trichlorofluoromethane	BDL	10.	ug/l	6210D	04/30/04	10
1,2,3-Trichloropropane	BDL	10.	ug/l	6210D	04/30/04	10
1,2,4-Trimethylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
1,3,5-Trimethylbenzene	BDL	10.	ug/l	6210D	04/30/04	10
Vinyl chloride	BDL	10.	ug/l	6210D	04/30/04	10
o-Xylene	BDL	10.	ug/l	6210D	04/30/04	10
m&p-Xylenes	BDL	20.	ug/l	6210D	04/30/04	10
Surrogate Recovery						
Toluene-d8	97.		% Rec.	6210D	04/30/04	10
Dibromofluoromethane	110		% Rec.	6210D	04/30/04	10
4-Bromofluorobenzene	100		% Rec.	6210D	04/30/04	10
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/28/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/28/04	1
Anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzidine	BDL	50.	ug/l	625	04/28/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/28/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/28/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-8

Collected By : Davis
Collection Date : 04/26/04 11:20

ESC Sample # : L152584-06

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/28/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/28/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/28/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/28/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/28/04	1
Chrysene	BDL	10.	ug/l	625	04/28/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/28/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/28/04	1
Fluoranthene	BDL	10.	ug/l	625	04/28/04	1
Fluorene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/28/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/28/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/28/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/28/04	1
Isophorone	BDL	10.	ug/l	625	04/28/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/28/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/28/04	1
Naphthalene	BDL	10.	ug/l	625	04/28/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/28/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/28/04	1
Phenanthrene	BDL	10.	ug/l	625	04/28/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/28/04	1
Pyrene	BDL	10.	ug/l	625	04/28/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/28/04	1

Acid Extractables

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : RW-8

Collected By : Davis
Collection Date : 04/26/04 11:20

ESC Sample # : L152584-06

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/28/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/28/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/28/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/28/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/28/04	1
Phenol	BDL	10.	ug/l	625	04/28/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/28/04	1
Surrogate Recovery						
Nitrobenzene-d5	27.		% Rec.	625	04/28/04	1
2-Fluorobiphenyl	35.		% Rec.	625	04/28/04	1
p-Terphenyl-d14	65.		% Rec.	625	04/28/04	1
Phenol-d5	28.		% Rec.	625	04/28/04	1
2-Fluorophenol	37.		% Rec.	625	04/28/04	1
2,4,6-Tribromophenol	86.		% Rec.	625	04/28/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-25

Collected By : Davis
Collection Date : 04/26/04 11:45

ESC Sample # : L152584-07

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/28/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/29/04	1
Acrolein	BDL	50.	ug/l	6210D	04/29/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/29/04	1
Benzene	BDL	1.0	ug/l	6210D	04/29/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/29/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/29/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/29/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
Chloroethane	100	1.0	ug/l	6210D	04/29/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/29/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/29/04	1
2-Chlorotoluene	7.7	1.0	ug/l	6210D	04/29/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/29/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/29/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloroethane	120	1.0	ug/l	6210D	04/29/04	1
1,2-Dichloroethane	1.5	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloroethene	10.	1.0	ug/l	6210D	04/29/04	1
cis-1,2-Dichloroethene	6.9	1.0	ug/l	6210D	04/29/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/29/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 27, 2004
Description : Teer

Sample ID : MW-25

Collected By : Davis
Collection Date : 04/26/04 11:45

ESC Sample # : L152584-07

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/29/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/29/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/29/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/29/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/29/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/29/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/29/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Styrene	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
Toluene	BDL	5.0	ug/l	6210D	04/29/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,1-Trichloroethane	21.	1.0	ug/l	6210D	04/29/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
Trichloroethene	2.3	1.0	ug/l	6210D	04/29/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Vinyl chloride	65.	1.0	ug/l	6210D	04/29/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/29/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/29/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/29/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/29/04	1
4-Bromofluorobenzene	98.		% Rec.	6210D	04/29/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L152584-01	Chloromethane	J4
	Dichlorodifluoromethane	J4
	1,2-Dichloropropane	J3
	Trichlorofluoromethane	J4
	Vinyl chloride	J4
L152584-02	Chloromethane	J4
	Dichlorodifluoromethane	J4
	1,2-Dichloropropane	J3
	Trichlorofluoromethane	J4
	Vinyl chloride	J4
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
L152584-03	Chloromethane	J4
	Dichlorodifluoromethane	J4
	1,2-Dichloropropane	J3
	Trichlorofluoromethane	J4
	Vinyl chloride	J4
	Nitrobenzene-d5	J2
L152584-04	Methyl tert-butyl ether	J4
	1,2,3-Trichlorobenzene	J4J3
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
L152584-05	Methyl tert-butyl ether	J4
	1,2,3-Trichlorobenzene	J4J3
	Nitrobenzene-d5	J2
L152584-06	Bromodichloromethane	J4
	Chloroform	J4
	1,2,3-Trichlorobenzene	J3
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
L152584-07	Bromoform	J4
	Chloroethane	E
	Dichlorodifluoromethane	J4J5
	1,1-Dichloroethane	EV
	Vinyl chloride	EJ4J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
V	(ESC) - Additional QC Info: The sample concentration is too high to evaluate accurate spike recoveries.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits						
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126	83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129	72-126

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

Quantum Environmental Inc.
Mr. Tom Davis
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

Quality Assurance Report
Level II

L152584

May 03, 2004

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Lead	< .005	mg/l	04/28/04 00:37	WG153875
,2,4-Trichlorobenzene	< .01	ppm	04/28/04 14:34	WG153980
-Methylnaphthalene	< .01	ppm	04/28/04 14:34	WG153980
,4,6-Trichlorophenol	< .01	ppm	04/28/04 14:34	WG153980
2,4-Dichlorophenol	< .01	ppm	04/28/04 14:34	WG153980
2,4-Dimethylphenol	< .01	ppm	04/28/04 14:34	WG153980
,4-Dinitrophenol	< .01	ppm	04/28/04 14:34	WG153980
,4-Dinitrotoluene	< .01	ppm	04/28/04 14:34	WG153980
,6-Dinitrotoluene	< .01	ppm	04/28/04 14:34	WG153980
2-Chloronaphthalene	< .01	ppm	04/28/04 14:34	WG153980
2-Chlorophenol	< .01	ppm	04/28/04 14:34	WG153980
-Methylnaphthalene	< .01	ppm	04/28/04 14:34	WG153980
-Nitrophenol	< .01	ppm	04/28/04 14:34	WG153980
,3-Dichlorobenzidine	< .01	ppm	04/28/04 14:34	WG153980
4,6-Dinitro-2-methylphenol	< .01	ppm	04/28/04 14:34	WG153980
-Bromophenyl-phenylether	< .01	ppm	04/28/04 14:34	WG153980
-Chloro-3-methylphenol	< .01	ppm	04/28/04 14:34	WG153980
-Chlorophenyl-phenylether	< .01	ppm	04/28/04 14:34	WG153980
4-Nitrophenol	< .01	ppm	04/28/04 14:34	WG153980
Acenaphthene	< .01	ppm	04/28/04 14:34	WG153980
Acenaphthylene	< .01	ppm	04/28/04 14:34	WG153980
nthracene	< .01	ppm	04/28/04 14:34	WG153980
enzidine	< .01	ppm	04/28/04 14:34	WG153980
Benzo(a)anthracene	< .01	ppm	04/28/04 14:34	WG153980
Benzo(a)pyrene	< .01	ppm	04/28/04 14:34	WG153980
enzo(b)fluoranthene	< .01	ppm	04/28/04 14:34	WG153980
enzo(g,h,i)perylene	< .01	ppm	04/28/04 14:34	WG153980
enzo(k)fluoranthene	< .01	ppm	04/28/04 14:34	WG153980
Benzylbutyl phthalate	< .01	ppm	04/28/04 14:34	WG153980
Bis(2-chlorethoxy)methane	< .01	ppm	04/28/04 14:34	WG153980
is(2-chloroethyl)ether	< .01	ppm	04/28/04 14:34	WG153980
is(2-chloroisopropyl)ether	< .01	ppm	04/28/04 14:34	WG153980
is(2-ethylhexyl)phthalate	< .01	ppm	04/28/04 14:34	WG153980
Chrysene	< .01	ppm	04/28/04 14:34	WG153980
Di-n-butyl phthalate	< .01	ppm	04/28/04 14:34	WG153980
i-n-octyl phthalate	< .01	ppm	04/28/04 14:34	WG153980
ibenz(a,h)anthracene	< .01	ppm	04/28/04 14:34	WG153980
Diethyl phthalate	< .01	ppm	04/28/04 14:34	WG153980
Dimethyl phthalate	< .01	ppm	04/28/04 14:34	WG153980
luoranthene	< .01	ppm	04/28/04 14:34	WG153980
luorene	< .01	ppm	04/28/04 14:34	WG153980
exachloro-1,3-butadiene	< .01	ppm	04/28/04 14:34	WG153980
Hexachlorobenzene	< .01	ppm	04/28/04 14:34	WG153980
Hexachlorocyclopentadiene	< .01	ppm	04/28/04 14:34	WG153980
exachloroethane	< .01	ppm	04/28/04 14:34	WG153980
ndeno(1,2,3-cd)pyrene	< .01	ppm	04/28/04 14:34	WG153980
sophorone	< .01	ppm	04/28/04 14:34	WG153980
n-Nitrosodi-n-propylamine	< .01	ppm	04/28/04 14:34	WG153980
n-Nitrosodimethylamine	< .01	ppm	04/28/04 14:34	WG153980
-Nitrosodiphenylamine	< .01	ppm	04/28/04 14:34	WG153980
aphthalene	< .01	ppm	04/28/04 14:34	WG153980
itrobenzene	< .01	ppm	04/28/04 14:34	WG153980
Pentachlorophenol	< .01	ppm	04/28/04 14:34	WG153980
henanthrene	< .01	ppm	04/28/04 14:34	WG153980
henol	< .01	ppm	04/28/04 14:34	WG153980
yrene	< .01	ppm	04/28/04 14:34	WG153980
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/28/04 11:00	WG154015
,1,1-Trichloroethane	< .001	mg/l	04/28/04 11:00	WG154015

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Quality Assurance Report
Level II

L152584

May 03, 2004

1,1,2,2-Tetrachloroethane	< .001	mg/l	04/28/04 11:00	WG154015

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
1,1,2-Trichloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,1-Dichloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,1-Dichloroethene	< .001	mg/l	04/28/04 11:00	WG154015
1,1-Dichloropropene	< .001	mg/l	04/28/04 11:00	WG154015
1,2,3-Trichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,2,3-Trichloropropane	< .001	mg/l	04/28/04 11:00	WG154015
1,2,4-Trichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,2,4-Trimethylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/28/04 11:00	WG154015
1,2-Dibromoethane	< .001	mg/l	04/28/04 11:00	WG154015
1,2-Dichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,2-Dichloroethane	< .001	mg/l	04/28/04 11:00	WG154015
1,2-Dichloropropane	< .001	mg/l	04/28/04 11:00	WG154015
1,3,5-Trimethylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,3-Dichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
1,3-Dichloropropane	< .001	mg/l	04/28/04 11:00	WG154015
1,4-Dichlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
2,2-Dichloropropane	< .001	mg/l	04/28/04 11:00	WG154015
2-Butanone (MEK)	< .01	mg/l	04/28/04 11:00	WG154015
2-Chlorotoluene	< .001	mg/l	04/28/04 11:00	WG154015
4-Chlorotoluene	< .001	mg/l	04/28/04 11:00	WG154015
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/28/04 11:00	WG154015
Acetone	< .025	mg/l	04/28/04 11:00	WG154015
Acrolein	< .001	mg/l	04/28/04 11:00	WG154015
Acrylonitrile	< .01	mg/l	04/28/04 11:00	WG154015
Benzene	< .001	mg/l	04/28/04 11:00	WG154015
Bromobenzene	< .001	mg/l	04/28/04 11:00	WG154015
Bromodichloromethane	< .001	mg/l	04/28/04 11:00	WG154015
Bromoform	< .001	mg/l	04/28/04 11:00	WG154015
Bromomethane	< .001	mg/l	04/28/04 11:00	WG154015
Carbon tetrachloride	< .001	mg/l	04/28/04 11:00	WG154015
Chlorobenzene	< .001	mg/l	04/28/04 11:00	WG154015
Chlorodibromomethane	< .001	mg/l	04/28/04 11:00	WG154015
Chloroethane	< .001	mg/l	04/28/04 11:00	WG154015
Chloroform	< .005	mg/l	04/28/04 11:00	WG154015
Chloromethane	< .001	mg/l	04/28/04 11:00	WG154015
cis-1,2-Dichloroethene	< .001	mg/l	04/28/04 11:00	WG154015
Di-isopropyl ether	< .001	mg/l	04/28/04 11:00	WG154015
Dibromomethane	< .001	mg/l	04/28/04 11:00	WG154015
Dichlorodifluoromethane	< .001	mg/l	04/28/04 11:00	WG154015
Ethylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
Hexachlorobutadiene	< .001	mg/l	04/28/04 11:00	WG154015
Isopropylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
m&p-Xylenes	< .002	mg/l	04/28/04 11:00	WG154015
Methyl tert-butyl ether	< .001	mg/l	04/28/04 11:00	WG154015
Methylene Chloride	< .005	mg/l	04/28/04 11:00	WG154015
n-Butylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
n-Propylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
Naphthalene	< .005	mg/l	04/28/04 11:00	WG154015
o-Xylene	< .001	mg/l	04/28/04 11:00	WG154015
p-Isopropyltoluene	< .001	mg/l	04/28/04 11:00	WG154015
sec-Butylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
Styrene	< .001	mg/l	04/28/04 11:00	WG154015
tert-Butylbenzene	< .001	mg/l	04/28/04 11:00	WG154015
Tetrachloroethene	< .001	mg/l	04/28/04 11:00	WG154015
Toluene	< .005	mg/l	04/28/04 11:00	WG154015
trans-1,2-Dichloroethene	< .001	mg/l	04/28/04 11:00	WG154015
Trichloroethene	< .001	mg/l	04/28/04 11:00	WG154015
Trichlorofluoromethane	< .001	mg/l	04/28/04 11:00	WG154015

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Level II

L152584

May 03, 2004

Vinyl chloride	< .001	mg/l	04/28/04 11:00	WG154015

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/29/04 09:10	WG154239
1,1,1-Trichloroethane	< .001	mg/l	04/29/04 09:10	WG154239
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/29/04 09:10	WG154239
1,1,2-Trichloroethane	< .001	mg/l	04/29/04 09:10	WG154239
1,1-Dichloroethane	< .001	mg/l	04/29/04 09:10	WG154239
1,1-Dichloroethene	< .001	mg/l	04/29/04 09:10	WG154239
1,1-Dichloropropene	< .001	mg/l	04/29/04 09:10	WG154239
1,2,3-Trichlorobenzene	< .001	mg/l	04/29/04 09:10	WG154239
1,2,3-Trichloropropane	< .001	mg/l	04/29/04 09:10	WG154239
1,2,4-Trichlorobenzene	< .001	mg/l	04/29/04 09:10	WG154239
1,2,4-Trimethylbenzene	< .001	mg/l	04/29/04 09:10	WG154239
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/29/04 09:10	WG154239
1,2-Dibromoethane	< .001	mg/l	04/29/04 09:10	WG154239
1,2-Dichlorobenzene	< .001	mg/l	04/29/04 09:10	WG154239
1,2-Dichloroethane	< .001	mg/l	04/29/04 09:10	WG154239
1,2-Dichloropropane	< .001	mg/l	04/29/04 09:10	WG154239
1,3,5-Trimethylbenzene	< .001	mg/l	04/29/04 09:10	WG154239
1,3-Dichlorobenzene	< .001	mg/l	04/29/04 09:10	WG154239
1,3-Dichloropropane	< .001	mg/l	04/29/04 09:10	WG154239
1,4-Dichlorobenzene	< .001	mg/l	04/29/04 09:10	WG154239
2,2-Dichloropropane	< .001	mg/l	04/29/04 09:10	WG154239
2-Butanone (MEK)	< .01	mg/l	04/29/04 09:10	WG154239
2-Chlorotoluene	< .001	mg/l	04/29/04 09:10	WG154239
4-Chlorotoluene	< .001	mg/l	04/29/04 09:10	WG154239
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/29/04 09:10	WG154239
Acetone	< .025	mg/l	04/29/04 09:10	WG154239
Acrolein	< .001	mg/l	04/29/04 09:10	WG154239
Acrylonitrile	< .01	mg/l	04/29/04 09:10	WG154239
Benzene	< .001	mg/l	04/29/04 09:10	WG154239
Bromobenzene	< .001	mg/l	04/29/04 09:10	WG154239
Bromodichloromethane	< .001	mg/l	04/29/04 09:10	WG154239
Bromoform	< .001	mg/l	04/29/04 09:10	WG154239
Bromomethane	< .001	mg/l	04/29/04 09:10	WG154239
Carbon tetrachloride	< .001	mg/l	04/29/04 09:10	WG154239
Chlorobenzene	< .001	mg/l	04/29/04 09:10	WG154239
Chlorodibromomethane	< .001	mg/l	04/29/04 09:10	WG154239
Chloroethane	< .001	mg/l	04/29/04 09:10	WG154239
Chloroform	< .005	mg/l	04/29/04 09:10	WG154239
Chloromethane	< .001	mg/l	04/29/04 09:10	WG154239
cis-1,2-Dichloroethene	< .001	mg/l	04/29/04 09:10	WG154239
Di-isopropyl ether	< .001	mg/l	04/29/04 09:10	WG154239
Dibromomethane	< .001	mg/l	04/29/04 09:10	WG154239
Dichlorodifluoromethane	< .001	mg/l	04/29/04 09:10	WG154239
Ethylbenzene	< .001	mg/l	04/29/04 09:10	WG154239
Hexachlorobutadiene	< .001	mg/l	04/29/04 09:10	WG154239
Isopropylbenzene	< .001	mg/l	04/29/04 09:10	WG154239
m&p-Xylenes	< .002	mg/l	04/29/04 09:10	WG154239
Methyl tert-butyl ether	< .001	mg/l	04/29/04 09:10	WG154239
Methylene Chloride	< .005	mg/l	04/29/04 09:10	WG154239
n-Butylbenzene	< .001	mg/l	04/29/04 09:10	WG154239
n-Propylbenzene	< .001	mg/l	04/29/04 09:10	WG154239
Naphthalene	< .005	mg/l	04/29/04 09:10	WG154239
o-Xylene	< .001	mg/l	04/29/04 09:10	WG154239
p-Isopropyltoluene	< .001	mg/l	04/29/04 09:10	WG154239
sec-Butylbenzene	< .001	mg/l	04/29/04 09:10	WG154239
Styrene	< .001	mg/l	04/29/04 09:10	WG154239
tert-Butylbenzene	< .001	mg/l	04/29/04 09:10	WG154239
Tetrachloroethene	< .001	mg/l	04/29/04 09:10	WG154239
Toluene	< .005	mg/l	04/29/04 09:10	WG154239

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L152584

May 03, 2004

trans-1,2-Dichloroethene	< .001	mg/l	04/29/04 09:10	WG154239

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Trichloroethene	< .001	mg/l	04/29/04 09:10	WG154239
Trichlorofluoromethane	< .001	mg/l	04/29/04 09:10	WG154239
Vinyl chloride	< .001	mg/l	04/29/04 09:10	WG154239
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/29/04 15:16	WG154293
1,1,1-Trichloroethane	< .001	mg/l	04/29/04 15:16	WG154293
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/29/04 15:16	WG154293
1,1,2-Trichloroethane	< .001	mg/l	04/29/04 15:16	WG154293
1,1-Dichloroethane	< .001	mg/l	04/29/04 15:16	WG154293
1,1-Dichloroethene	< .001	mg/l	04/29/04 15:16	WG154293
1,1-Dichloropropene	< .001	mg/l	04/29/04 15:16	WG154293
1,2,3-Trichlorobenzene	< .001	mg/l	04/29/04 15:16	WG154293
1,2,3-Trichloropropane	< .001	mg/l	04/29/04 15:16	WG154293
1,2,4-Trichlorobenzene	< .001	mg/l	04/29/04 15:16	WG154293
1,2,4-Trimethylbenzene	< .001	mg/l	04/29/04 15:16	WG154293
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/29/04 15:16	WG154293
1,2-Dibromoethane	< .001	mg/l	04/29/04 15:16	WG154293
1,2-Dichlorobenzene	< .001	mg/l	04/29/04 15:16	WG154293
1,2-Dichloroethane	< .001	mg/l	04/29/04 15:16	WG154293
1,2-Dichloropropane	< .001	mg/l	04/29/04 15:16	WG154293
1,3,5-Trimethylbenzene	< .001	mg/l	04/29/04 15:16	WG154293
1,3-Dichlorobenzene	< .001	mg/l	04/29/04 15:16	WG154293
1,3-Dichloropropane	< .001	mg/l	04/29/04 15:16	WG154293
1,4-Dichlorobenzene	< .001	mg/l	04/29/04 15:16	WG154293
2,2-Dichloropropane	< .001	mg/l	04/29/04 15:16	WG154293
2-Butanone (MEK)	< .01	mg/l	04/29/04 15:16	WG154293
2-Chlorotoluene	< .001	mg/l	04/29/04 15:16	WG154293
4-Chlorotoluene	< .001	mg/l	04/29/04 15:16	WG154293
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/29/04 15:16	WG154293
Acetone	< .025	mg/l	04/29/04 15:16	WG154293
Acrolein	< .001	mg/l	04/29/04 15:16	WG154293
Acrylonitrile	< .01	mg/l	04/29/04 15:16	WG154293
Benzene	< .001	mg/l	04/29/04 15:16	WG154293
Bromobenzene	< .001	mg/l	04/29/04 15:16	WG154293
Bromodichloromethane	< .001	mg/l	04/29/04 15:16	WG154293
Bromoform	< .001	mg/l	04/29/04 15:16	WG154293
Bromomethane	< .001	mg/l	04/29/04 15:16	WG154293
Carbon tetrachloride	< .001	mg/l	04/29/04 15:16	WG154293
Chlorobenzene	< .001	mg/l	04/29/04 15:16	WG154293
Chlorodibromomethane	< .001	mg/l	04/29/04 15:16	WG154293
Chloroethane	< .001	mg/l	04/29/04 15:16	WG154293
Chloroform	< .005	mg/l	04/29/04 15:16	WG154293
Chloromethane	< .001	mg/l	04/29/04 15:16	WG154293
cis-1,2-Dichloroethene	< .001	mg/l	04/29/04 15:16	WG154293
Di-isopropyl ether	< .001	mg/l	04/29/04 15:16	WG154293
Dibromomethane	< .001	mg/l	04/29/04 15:16	WG154293
Dichlorodifluoromethane	< .001	mg/l	04/29/04 15:16	WG154293
Ethylbenzene	< .001	mg/l	04/29/04 15:16	WG154293
Hexachlorobutadiene	< .001	mg/l	04/29/04 15:16	WG154293
Isopropylbenzene	< .001	mg/l	04/29/04 15:16	WG154293
m&p-Xylenes	< .002	mg/l	04/29/04 15:16	WG154293
Methyl tert-butyl ether	< .001	mg/l	04/29/04 15:16	WG154293
Methylene Chloride	< .005	mg/l	04/29/04 15:16	WG154293
n-Butylbenzene	< .001	mg/l	04/29/04 15:16	WG154293
n-Propylbenzene	< .001	mg/l	04/29/04 15:16	WG154293
Naphthalene	< .005	mg/l	04/29/04 15:16	WG154293
o-Xylene	< .001	mg/l	04/29/04 15:16	WG154293
p-Isopropyltoluene	< .001	mg/l	04/29/04 15:16	WG154293
sec-Butylbenzene	< .001	mg/l	04/29/04 15:16	WG154293

ENVIRONMENTAL
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Tax I.D. 62-0814289

Est. 1970

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Mr. Tom Davis
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Raleigh, NC 27607

Quality Assurance Report
Level II

L152584

May 03, 2004

Styrene	< .001	mg/l	04/29/04 15:16	WG154293

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
tert-Butylbenzene	< .001	mg/l	04/29/04 15:16	WG154293
Tetrachloroethene	< .001	mg/l	04/29/04 15:16	WG154293
Toluene	< .005	mg/l	04/29/04 15:16	WG154293
trans-1,2-Dichloroethene	< .001	mg/l	04/29/04 15:16	WG154293
Trichloroethene	< .001	mg/l	04/29/04 15:16	WG154293
Trichlorofluoromethane	< .001	mg/l	04/29/04 15:16	WG154293
Vinyl chloride	< .001	mg/l	04/29/04 15:16	WG154293
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,1,1-Trichloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,1,2-Trichloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,1-Dichloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,1-Dichloroethene	< .001	mg/l	04/30/04 03:35	WG154322
1,1-Dichloropropene	< .001	mg/l	04/30/04 03:35	WG154322
1,2,3-Trichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,2,3-Trichloropropane	< .001	mg/l	04/30/04 03:35	WG154322
1,2,4-Trichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,2,4-Trimethylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/30/04 03:35	WG154322
1,2-Dibromoethane	< .001	mg/l	04/30/04 03:35	WG154322
1,2-Dichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,2-Dichloroethane	< .001	mg/l	04/30/04 03:35	WG154322
1,2-Dichloropropane	< .001	mg/l	04/30/04 03:35	WG154322
1,3,5-Trimethylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,3-Dichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
1,3-Dichloropropane	< .001	mg/l	04/30/04 03:35	WG154322
1,4-Dichlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
2,2-Dichloropropane	< .001	mg/l	04/30/04 03:35	WG154322
2-Butanone (MEK)	< .01	mg/l	04/30/04 03:35	WG154322
2-Chlorotoluene	< .001	mg/l	04/30/04 03:35	WG154322
4-Chlorotoluene	< .001	mg/l	04/30/04 03:35	WG154322
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/30/04 03:35	WG154322
Acetone	< .025	mg/l	04/30/04 03:35	WG154322
Acrolein	< .001	mg/l	04/30/04 03:35	WG154322
Acrylonitrile	< .01	mg/l	04/30/04 03:35	WG154322
Benzene	< .001	mg/l	04/30/04 03:35	WG154322
Bromobenzene	< .001	mg/l	04/30/04 03:35	WG154322
Bromodichloromethane	< .001	mg/l	04/30/04 03:35	WG154322
Bromoform	< .001	mg/l	04/30/04 03:35	WG154322
Bromomethane	< .001	mg/l	04/30/04 03:35	WG154322
Carbon tetrachloride	< .001	mg/l	04/30/04 03:35	WG154322
Chlorobenzene	< .001	mg/l	04/30/04 03:35	WG154322
Chlorodibromomethane	< .001	mg/l	04/30/04 03:35	WG154322
Chloroethane	< .001	mg/l	04/30/04 03:35	WG154322
Chloroform	< .005	mg/l	04/30/04 03:35	WG154322
Chloromethane	< .001	mg/l	04/30/04 03:35	WG154322
cis-1,2-Dichloroethene	< .001	mg/l	04/30/04 03:35	WG154322
Di-isopropyl ether	< .001	mg/l	04/30/04 03:35	WG154322
Dibromomethane	< .001	mg/l	04/30/04 03:35	WG154322
Dichlorodifluoromethane	< .001	mg/l	04/30/04 03:35	WG154322
Ethylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
Hexachlorobutadiene	< .001	mg/l	04/30/04 03:35	WG154322
Isopropylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
m&p-Xylenes	< .002	mg/l	04/30/04 03:35	WG154322
Methyl tert-butyl ether	< .001	mg/l	04/30/04 03:35	WG154322
Methylene Chloride	< .005	mg/l	04/30/04 03:35	WG154322
n-Butylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
n-Propylbenzene	< .001	mg/l	04/30/04 03:35	WG154322

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Level II

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May 03, 2004

Naphthalene	< .005	mg/l	04/30/04 03:35	WG154322

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
o-Xylene	< .001	mg/l	04/30/04 03:35	WG154322
p-Isopropyltoluene	< .001	mg/l	04/30/04 03:35	WG154322
sec-Butylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
Styrene	< .001	mg/l	04/30/04 03:35	WG154322
tert-Butylbenzene	< .001	mg/l	04/30/04 03:35	WG154322
Tetrachloroethene	< .001	mg/l	04/30/04 03:35	WG154322
Toluene	< .005	mg/l	04/30/04 03:35	WG154322
trans-1,2-Dichloroethene	< .001	mg/l	04/30/04 03:35	WG154322
Trichloroethene	< .001	mg/l	04/30/04 03:35	WG154322
Trichlorofluoromethane	< .001	mg/l	04/30/04 03:35	WG154322
Vinyl chloride	< .001	mg/l	04/30/04 03:35	WG154322

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Lead	mg/l	1	1.03	103.	85-115	WG153875
1,2,4-Trichlorobenzene	ppm	.05	0.0310	62.1	41-109	WG153980
1-Methylnaphthalene	ppm	.05	0.0317	63.5	51-109	WG153980
2,4,6-Trichlorophenol	ppm	.05	0.0388	77.6	45-126	WG153980
2,4-Dichlorophenol	ppm	.05	0.0356	71.2	50-115	WG153980
2,4-Dimethylphenol	ppm	.05	0.0408	81.6	49-121	WG153980
2,4-Dinitrophenol	ppm	.05	0.0310	62.0	22-127	WG153980
2,4-Dinitrotoluene	ppm	.05	0.0378	75.5	54-132	WG153980
2,6-Dinitrotoluene	ppm	.05	0.0329	65.8	52-129	WG153980
2-Chloronaphthalene	ppm	.05	0.0339	67.8	41-119	WG153980
2-Chlorophenol	ppm	.05	0.0322	64.4	45-103	WG153980
2-Methylnaphthalene	ppm	.05	0.0324	64.7	40-106	WG153980
2-Nitrophenol	ppm	.05	0.0271	54.2	49-114	WG153980
3,3-Dichlorobenzidine	ppm	.05	0.0778	156.	53-172	WG153980
4,6-Dinitro-2-methylphenol	ppm	.05	0.0388	77.5	39-129	WG153980
4-Bromophenyl-phenylether	ppm	.05	0.0355	70.9	46-109	WG153980
4-Chloro-3-methylphenol	ppm	.05	0.0373	74.6	49-117	WG153980
4-Chlorophenyl-phenylether	ppm	.05	0.0364	72.8	44-127	WG153980
4-Nitrophenol	ppm	.05	0.0139	27.7	16-103	WG153980
Acenaphthene	ppm	.05	0.0339	67.8	50-125	WG153980
Acenaphthylene	ppm	.05	0.0401	80.3	51-136	WG153980
Anthracene	ppm	.05	0.0490	97.9	54-126	WG153980
Benzidine	ppm	.05	0.0139	27.8	1-145	WG153980
Benzo(a)anthracene	ppm	.05	0.0428	85.7	54-123	WG153980
Benzo(a)pyrene	ppm	.05	0.0476	95.3	59-127	WG153980
Benzo(b)fluoranthene	ppm	.05	0.0384	76.8	57-132	WG153980
Benzo(g,h,i)perylene	ppm	.05	0.0526	105.	39-161	WG153980
Benzo(k)fluoranthene	ppm	.05	0.0470	94.1	54-127	WG153980
Benzylbutyl phthalate	ppm	.05	0.0452	90.4	49-137	WG153980
Bis(2-chlorethoxy)methane	ppm	.05	0.0323	64.5	45-122	WG153980
Bis(2-chloroethyl)ether	ppm	.05	0.0232	46.4	41-116	WG153980
Bis(2-chloroisopropyl)ether	ppm	.05	0.0312	62.4	33-110	WG153980
Bis(2-ethylhexyl)phthalate	ppm	.05	0.0396	79.2	41-149	WG153980
Chrysene	ppm	.05	0.0443	88.5	53-125	WG153980
Di-n-butyl phthalate	ppm	.05	0.0510	102.	49-132	WG153980
Di-n-octyl phthalate	ppm	.05	0.0429	85.7	39-148	WG153980
Dibenz(a,h)anthracene	ppm	.05	0.0570	114.	43-170	WG153980
Diethyl phthalate	ppm	.05	0.0418	83.6	53-128	WG153980
Dimethyl phthalate	ppm	.05	0.0401	80.2	50-123	WG153980
Fluoranthene	ppm	.05	0.0496	99.3	50-126	WG153980
Fluorene	ppm	.05	0.0381	76.3	50-126	WG153980
Hexachloro-1,3-butadiene	ppm	.05	0.0335	66.9	30-133	WG153980
Hexachlorobenzene	ppm	.05	0.0446	89.2	52-119	WG153980

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Hexachlorocyclopentadiene	ppm	.05	0.0219	43.8	26-144	WG153980

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Hexachloroethane	ppm	.05	0.0233	46.5	32-111	WG153980
Indeno(1,2,3-cd)pyrene	ppm	.05	0.0532	106.	42-155	WG153980
Isophorone	ppm	.05	0.0447	89.3	41-115	WG153980
n-Nitrosodi-n-propylamine	ppm	.05	0.0348	69.6	45-121	WG153980
n-Nitrosodimethylamine	ppm	.05	0.0201	40.1	10-131	WG153980
n-Nitrosodiphenylamine	ppm	.05	0.0600	120.	54-130	WG153980
Naphthalene	ppm	.05	0.0314	62.7	46-112	WG153980
Nitrobenzene	ppm	.05	0.0255	51.1	39-113	WG153980
Pentachlorophenol	ppm	.05	0.0310	62.1	46-124	WG153980
Phenanthrene	ppm	.05	0.0467	93.4	54-122	WG153980
Phenol	ppm	.05	0.0142	28.4	53.1-150	WG153980
Pyrene	ppm	.05	0.0391	78.2	50-127	WG153980
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0194	96.8	84-128	WG154015
1,1,1-Trichloroethane	mg/l	.02	0.0203	102.	71-122	WG154015
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0207	103.	78-120	WG154015
1,1,2-Trichloroethane	mg/l	.02	0.0213	107.	82-117	WG154015
1,1-Dichloroethane	mg/l	.02	0.0214	107.	59-135	WG154015
1,1-Dichloroethene	mg/l	.02	0.0208	104.	60-166	WG154015
1,1-Dichloropropene	mg/l	.02	0.0220	110.	67-132	WG154015
1,2,3-Trichlorobenzene	mg/l	.02	0.0201	101.	81-122	WG154015
1,2,3-Trichloropropane	mg/l	.02	0.0207	103.	78-122	WG154015
1,2,4-Trichlorobenzene	mg/l	.02	0.0211	105.	78-132	WG154015
1,2,4-Trimethylbenzene	mg/l	.02	0.0191	95.3	82-117	WG154015
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0175	87.3	58-140	WG154015
1,2-Dibromoethane	mg/l	.02	0.0203	101.	79-121	WG154015
1,2-Dichlorobenzene	mg/l	.05	0.0201	40.3	83-113	WG154015
1,2-Dichloroethane	mg/l	.02	0.0232	116.	81-122	WG154015
1,2-Dichloropropane	mg/l	.02	0.0206	103.	74-125	WG154015
1,3,5-Trimethylbenzene	mg/l	.02	0.0182	91.1	80-118	WG154015
1,3-Dichlorobenzene	mg/l	.05	0.0178	35.6	80-124	WG154015
1,3-Dichloropropane	mg/l	.02	0.0205	103.	86-120	WG154015
1,4-Dichlorobenzene	mg/l	.05	0.0197	39.5	84-115	WG154015
2,2-Dichloropropane	mg/l	.02	0.0209	104.	71-131	WG154015
2-Butanone (MEK)	mg/l	.1	0.0999	99.9	25-137	WG154015
2-Chlorotoluene	mg/l	.02	0.0191	95.4	79-112	WG154015
4-Chlorotoluene	mg/l	.02	0.0187	93.7	82-116	WG154015
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.0986	98.6	57-145	WG154015
Acetone	mg/l	.1	0.110	110.	14-115	WG154015
Acrolein	mg/l	.1	0.0344	34.4	16-83	WG154015
Acrylonitrile	mg/l	.1	0.0957	95.7	32-142	WG154015
Benzene	mg/l	.02	0.0209	105.	66-127	WG154015
Bromobenzene	mg/l	.02	0.0192	95.9	79-127	WG154015
Bromodichloromethane	mg/l	.02	0.0222	111.	76-117	WG154015
Bromoform	mg/l	.02	0.0182	91.0	72-125	WG154015
Bromomethane	mg/l	.02	0.00855	42.8	25-170	WG154015
Carbon tetrachloride	mg/l	.02	0.0197	98.6	65-127	WG154015
Chlorobenzene	mg/l	.02	0.0192	95.9	79-117	WG154015
Chlorodibromomethane	mg/l	.02	0.0190	95.2	76-115	WG154015
Chloroethane	mg/l	.02	0.0211	106.	37-130	WG154015
Chloroform	mg/l	.02	0.0201	100.	70-119	WG154015
Chloromethane	mg/l	.02	0.0299	149.	39-109	WG154015
cis-1,2-Dichloroethene	mg/l	.02	0.0223	111.	72-128	WG154015
Di-isopropyl ether	mg/l	.02	0.0239	119.	54-147	WG154015
Dibromomethane	mg/l	.02	0.0210	105.	81-117	WG154015
Dichlorodifluoromethane	mg/l	.02	0.0362	181.	14-133	WG154015
Ethylbenzene	mg/l	.02	0.0187	93.3	75-117	WG154015
Hexachlorobutadiene	mg/l	.02	0.0187	93.5	68-122	WG154015
Isopropylbenzene	mg/l	.02	0.0186	92.8	67-113	WG154015

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m&p-Xylenes	mg/l	.04	0.0381	95.4	76-126	WG154015

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Methyl tert-butyl ether	mg/l	.02	0.0234	117.	57-149	WG154015
Methylene Chloride	mg/l	.02	0.0216	108.	60-127	WG154015
n-Butylbenzene	mg/l	.02	0.0198	98.9	74-125	WG154015
n-Propylbenzene	mg/l	.02	0.0185	92.7	74-120	WG154015
Naphthalene	mg/l	.05	0.0197	39.4	51-127	WG154015
o-Xylene	mg/l	.02	0.0189	94.6	73-123	WG154015
p-Isopropyltoluene	mg/l	.02	0.0184	92.0	74-122	WG154015
sec-Butylbenzene	mg/l	.02	0.0184	92.0	66-118	WG154015
Styrene	mg/l	.02	0.0186	92.8	78-114	WG154015
tert-Butylbenzene	mg/l	.02	0.0184	91.9	69-121	WG154015
Tetrachloroethene	mg/l	.02	0.0180	90.1	71-132	WG154015
Toluene	mg/l	.02	0.0203	102.	68-122	WG154015
trans-1,2-Dichloroethene	mg/l	.02	0.0224	112.	65-141	WG154015
Trichloroethene	mg/l	.02	0.0213	107.	81-129	WG154015
Trichlorofluoromethane	mg/l	.02	0.0206	103.	46-94	WG154015
Vinyl chloride	mg/l	.02	0.0272	136.	40-95	WG154015
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0169	84.4	84-128	WG154239
1,1,1-Trichloroethane	mg/l	.02	0.0151	75.5	71-122	WG154239
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0215	107.	78-120	WG154239
1,1,2-Trichloroethane	mg/l	.02	0.0217	108.	82-117	WG154239
1,1-Dichloroethane	mg/l	.02	0.0188	94.1	59-135	WG154239
1,1-Dichloroethene	mg/l	.02	0.0204	102.	60-166	WG154239
1,1-Dichloropropene	mg/l	.02	0.0194	97.2	67-132	WG154239
1,2,3-Trichlorobenzene	mg/l	.02	0.0213	106.	81-122	WG154239
1,2,3-Trichloropropane	mg/l	.02	0.0220	110.	78-122	WG154239
1,2,4-Trichlorobenzene	mg/l	.02	0.0219	110.	78-132	WG154239
1,2,4-Trimethylbenzene	mg/l	.02	0.0221	110.	82-117	WG154239
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0155	77.4	58-140	WG154239
1,2-Dibromoethane	mg/l	.02	0.0214	107.	79-121	WG154239
1,2-Dichlorobenzene	mg/l	.02	0.0199	99.7	83-113	WG154239
1,2-Dichloroethane	mg/l	.02	0.0209	105.	81-122	WG154239
1,2-Dichloropropane	mg/l	.02	0.0207	104.	74-125	WG154239
1,3,5-Trimethylbenzene	mg/l	.02	0.0209	105.	80-118	WG154239
1,3-Dichlorobenzene	mg/l	.02	0.0207	104.	80-124	WG154239
1,3-Dichloropropane	mg/l	.02	0.0211	105.	86-120	WG154239
1,4-Dichlorobenzene	mg/l	.02	0.0202	101.	84-115	WG154239
2,2-Dichloropropane	mg/l	.02	0.0174	87.0	71-131	WG154239
2-Butanone (MEK)	mg/l	.1	0.0974	97.4	25-137	WG154239
2-Chlorotoluene	mg/l	.02	0.0207	103.	79-112	WG154239
4-Chlorotoluene	mg/l	.02	0.0214	107.	82-116	WG154239
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.104	104.	57-145	WG154239
Acetone	mg/l	.1	0.0996	99.6	14-115	WG154239
Acrolein	mg/l	.1	0.0442	44.2	16-83	WG154239
Acrylonitrile	mg/l	.1	0.0840	84.0	32-142	WG154239
Benzene	mg/l	.02	0.0181	90.4	66-127	WG154239
Bromobenzene	mg/l	.02	0.0209	104.	79-127	WG154239
Bromodichloromethane	mg/l	.02	0.0188	94.1	76-117	WG154239
Bromoform	mg/l	.02	0.0137	68.7	72-125	WG154239
Bromomethane	mg/l	.02	0.0174	87.1	25-170	WG154239
Carbon tetrachloride	mg/l	.02	0.0131	65.7	65-127	WG154239
Chlorobenzene	mg/l	.02	0.0202	101.	79-117	WG154239
Chlorodibromomethane	mg/l	.02	0.0156	78.1	76-115	WG154239
Chloroethane	mg/l	.02	0.0206	103.	37-130	WG154239
Chloroform	mg/l	.02	0.0182	91.0	70-119	WG154239
Chloromethane	mg/l	.02	0.0216	108.	39-109	WG154239
cis-1,2-Dichloroethene	mg/l	.02	0.0197	98.7	72-128	WG154239
Di-isopropyl ether	mg/l	.02	0.0195	97.4	54-147	WG154239
Dibromomethane	mg/l	.02	0.0204	102.	81-117	WG154239

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Quality Assurance Report
Level II

L152584

May 03, 2004

Dichlorodifluoromethane	mg/l	.02	0.0305	152.	14-133	WG154239

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Ethylbenzene	mg/l	.02	0.0201	101.	75-117	WG154239
Hexachlorobutadiene	mg/l	.02	0.0185	92.6	68-122	WG154239
Isopropylbenzene	mg/l	.02	0.0202	101.	67-113	WG154239
m&p-Xylenes	mg/l	.04	0.0413	103.	76-126	WG154239
Methyl tert-butyl ether	mg/l	.02	0.0167	83.7	57-149	WG154239
Methylene Chloride	mg/l	.02	0.0200	100.	60-127	WG154239
n-Butylbenzene	mg/l	.02	0.0203	102.	74-125	WG154239
n-Propylbenzene	mg/l	.02	0.0203	101.	74-120	WG154239
Naphthalene	mg/l	.02	0.0170	84.8	51-127	WG154239
o-Xylene	mg/l	.02	0.0205	103.	73-123	WG154239
p-Isopropyltoluene	mg/l	.02	0.0210	105.	74-122	WG154239
sec-Butylbenzene	mg/l	.02	0.0204	102.	66-118	WG154239
Styrene	mg/l	.02	0.0209	105.	78-114	WG154239
tert-Butylbenzene	mg/l	.02	0.0200	100.	69-121	WG154239
Tetrachloroethene	mg/l	.02	0.0195	97.7	71-132	WG154239
Toluene	mg/l	.02	0.0189	94.3	68-122	WG154239
trans-1,2-Dichloroethene	mg/l	.02	0.0203	101.	65-141	WG154239
Trichloroethene	mg/l	.02	0.0201	100.	81-129	WG154239
Trichlorofluoromethane	mg/l	.02	0.0185	92.3	46-94	WG154239
Vinyl chloride	mg/l	.02	0.0213	107.	40-95	WG154239
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0217	109.	84-128	WG154293
1,1,1-Trichloroethane	mg/l	.02	0.0191	95.7	71-122	WG154293
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0196	97.8	78-120	WG154293
1,1,2-Trichloroethane	mg/l	.02	0.0203	102.	82-117	WG154293
1,1-Dichloroethane	mg/l	.02	0.0239	119.	59-135	WG154293
1,1-Dichloroethene	mg/l	.02	0.0211	105.	60-166	WG154293
1,1-Dichloropropene	mg/l	.02	0.0191	95.6	67-132	WG154293
1,2,3-Trichlorobenzene	mg/l	.02	0.0198	98.8	81-122	WG154293
1,2,3-Trichloropropane	mg/l	.02	0.0197	98.7	78-122	WG154293
1,2,4-Trichlorobenzene	mg/l	.05	0.0205	40.9	78-132	WG154293
1,2,4-Trimethylbenzene	mg/l	.02	0.0189	94.3	82-117	WG154293
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0179	89.6	58-140	WG154293
1,2-Dibromoethane	mg/l	.02	0.0200	100.	79-121	WG154293
1,2-Dichlorobenzene	mg/l	.05	0.0182	36.5	83-113	WG154293
1,2-Dichloroethane	mg/l	.02	0.0212	106.	81-122	WG154293
1,2-Dichloropropane	mg/l	.02	0.0191	95.3	74-125	WG154293
1,3,5-Trimethylbenzene	mg/l	.02	0.0188	94.2	80-118	WG154293
1,3-Dichlorobenzene	mg/l	.05	0.0192	38.4	80-124	WG154293
1,3-Dichloropropane	mg/l	.02	0.0195	97.3	86-120	WG154293
1,4-Dichlorobenzene	mg/l	.05	0.0180	36.0	84-115	WG154293
2,2-Dichloropropane	mg/l	.02	0.0190	95.2	71-131	WG154293
2-Butanone (MEK)	mg/l	.1	0.0921	92.1	25-137	WG154293
2-Chlorotoluene	mg/l	.02	0.0186	92.8	79-112	WG154293
4-Chlorotoluene	mg/l	.02	0.0186	92.9	82-116	WG154293
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.101	101.	57-145	WG154293
Acetone	mg/l	.1	0.111	111.	14-115	WG154293
Acrolein	mg/l	.1	0.0215	21.5	16-83	WG154293
Acrylonitrile	mg/l	.1	0.0883	88.3	32-142	WG154293
Benzene	mg/l	.02	0.0180	89.8	66-127	WG154293
Bromobenzene	mg/l	.02	0.0201	101.	79-127	WG154293
Bromodichloromethane	mg/l	.02	0.0223	111.	76-117	WG154293
Bromoform	mg/l	.02	0.0213	106.	72-125	WG154293
Bromomethane	mg/l	.02	0.0103	51.5	25-170	WG154293
Carbon tetrachloride	mg/l	.02	0.0199	99.6	65-127	WG154293
Chlorobenzene	mg/l	.02	0.0187	93.6	79-117	WG154293
Chlorodibromomethane	mg/l	.02	0.0201	101.	76-115	WG154293
Chloroethane	mg/l	.02	0.0166	82.9	37-130	WG154293
Chloroform	mg/l	.02	0.0232	116.	70-119	WG154293

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Chloromethane	mg/l	.02	0.0139	69.3	39-109	WG154293

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
cis-1,2-Dichloroethene	mg/l	.02	0.0208	104.	72-128	WG154293
Di-isopropyl ether	mg/l	.02	0.0186	93.2	54-147	WG154293
Dibromomethane	mg/l	.02	0.0203	102.	81-117	WG154293
Dichlorodifluoromethane	mg/l	.02	0.0127	63.7	14-133	WG154293
Ethylbenzene	mg/l	.02	0.0182	91.2	75-117	WG154293
Hexachlorobutadiene	mg/l	.02	0.0189	94.7	68-122	WG154293
Isopropylbenzene	mg/l	.02	0.0185	92.4	67-113	WG154293
m&p-Xylenes	mg/l	.04	0.0364	91.0	76-126	WG154293
Methyl tert-butyl ether	mg/l	.02	0.00995	49.8	57-149	WG154293
Methylene Chloride	mg/l	.02	0.0188	94.1	60-127	WG154293
n-Butylbenzene	mg/l	.02	0.0182	90.8	74-125	WG154293
n-Propylbenzene	mg/l	.02	0.0185	92.5	74-120	WG154293
Naphthalene	mg/l	.05	0.0196	39.2	51-127	WG154293
o-Xylene	mg/l	.02	0.0186	92.8	73-123	WG154293
p-Isopropyltoluene	mg/l	.02	0.0189	94.6	74-122	WG154293
sec-Butylbenzene	mg/l	.02	0.0189	94.7	66-118	WG154293
Styrene	mg/l	.02	0.0179	89.3	78-114	WG154293
tert-Butylbenzene	mg/l	.02	0.0189	94.6	69-121	WG154293
Tetrachloroethene	mg/l	.02	0.0183	91.6	71-132	WG154293
Toluene	mg/l	.02	0.0179	89.5	68-122	WG154293
trans-1,2-Dichloroethene	mg/l	.02	0.0212	106.	65-141	WG154293
Trichloroethene	mg/l	.02	0.0197	98.4	81-129	WG154293
Trichlorofluoromethane	mg/l	.02	0.0183	91.3	46-94	WG154293
Vinyl chloride	mg/l	.02	0.0159	79.7	40-95	WG154293
1,1,1,2-Tetrachloroethane	mg/l	.02	0.0220	110.	84-128	WG154322
1,1,1-Trichloroethane	mg/l	.02	0.0197	98.6	71-122	WG154322
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0199	99.4	78-120	WG154322
1,1,2-Trichloroethane	mg/l	.02	0.0204	102.	82-117	WG154322
1,1-Dichloroethane	mg/l	.02	0.0220	110.	59-135	WG154322
1,1-Dichloroethene	mg/l	.02	0.0204	102.	60-166	WG154322
1,1-Dichloropropene	mg/l	.02	0.0202	101.	67-132	WG154322
1,2,3-Trichlorobenzene	mg/l	.02	0.0186	92.9	81-122	WG154322
1,2,3-Trichloropropane	mg/l	.02	0.0201	101.	78-122	WG154322
1,2,4-Trichlorobenzene	mg/l	.05	0.0183	36.5	78-132	WG154322
1,2,4-Trimethylbenzene	mg/l	.02	0.0192	95.9	82-117	WG154322
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0186	93.2	58-140	WG154322
1,2-Dibromoethane	mg/l	.02	0.0208	104.	79-121	WG154322
1,2-Dichlorobenzene	mg/l	.05	0.0181	36.2	83-113	WG154322
1,2-Dichloroethane	mg/l	.02	0.0204	102.	81-122	WG154322
1,2-Dichloropropane	mg/l	.02	0.0192	96.2	74-125	WG154322
1,3,5-Trimethylbenzene	mg/l	.02	0.0193	96.5	80-118	WG154322
1,3-Dichlorobenzene	mg/l	.05	0.0187	37.4	80-124	WG154322
1,3-Dichloropropane	mg/l	.02	0.0200	100.	86-120	WG154322
1,4-Dichlorobenzene	mg/l	.05	0.0176	35.2	84-115	WG154322
2,2-Dichloropropane	mg/l	.02	0.0188	93.9	71-131	WG154322
2-Butanone (MEK)	mg/l	.1	0.0936	93.6	25-137	WG154322
2-Chlorotoluene	mg/l	.02	0.0188	94.1	79-112	WG154322
4-Chlorotoluene	mg/l	.02	0.0188	93.9	82-116	WG154322
4-Methyl-2-pentanone (MIBK)	mg/l	.1	0.101	101.	57-145	WG154322
Acetone	mg/l	.1	0.0929	92.9	14-115	WG154322
Acrolein	mg/l	.1	0.0220	22.0	16-83	WG154322
Acrylonitrile	mg/l	.1	0.0819	81.9	32-142	WG154322
Benzene	mg/l	.02	0.0186	93.1	66-127	WG154322
Bromobenzene	mg/l	.02	0.0205	103.	79-127	WG154322
Bromodichloromethane	mg/l	.02	0.0220	110.	76-117	WG154322
Bromoform	mg/l	.02	0.0214	107.	72-125	WG154322
Bromomethane	mg/l	.02	0.0101	50.5	25-170	WG154322
Carbon tetrachloride	mg/l	.02	0.0206	103.	65-127	WG154322

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Chlorobenzene	mg/l	.02	0.0191	95.3	79-117	WG154322

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Chlorodibromomethane	mg/l	.02	0.0202	101.	76-115	WG154322
Chloroethane	mg/l	.02	0.0165	82.5	37-130	WG154322
Chloroform	mg/l	.02	0.0213	107.	70-119	WG154322
Chloromethane	mg/l	.02	0.0121	60.7	39-109	WG154322
cis-1,2-Dichloroethene	mg/l	.02	0.0202	101.	72-128	WG154322
Di-isopropyl ether	mg/l	.02	0.0189	94.7	54-147	WG154322
Dibromomethane	mg/l	.02	0.0198	98.8	81-117	WG154322
Dichlorodifluoromethane	mg/l	.02	0.00721	36.1	14-133	WG154322
Ethylbenzene	mg/l	.02	0.0194	96.8	75-117	WG154322
Hexachlorobutadiene	mg/l	.02	0.0181	90.4	68-122	WG154322
Isopropylbenzene	mg/l	.02	0.0191	95.4	67-113	WG154322
m&p-Xylenes	mg/l	.04	0.0381	95.1	76-126	WG154322
Methyl tert-butyl ether	mg/l	.02	0.0144	72.1	57-149	WG154322
Methylene Chloride	mg/l	.02	0.0190	94.9	60-127	WG154322
n-Butylbenzene	mg/l	.02	0.0175	87.3	74-125	WG154322
n-Propylbenzene	mg/l	.02	0.0188	94.2	74-120	WG154322
Naphthalene	mg/l	.05	0.0195	39.0	51-127	WG154322
o-Xylene	mg/l	.02	0.0194	96.8	73-123	WG154322
p-Isopropyltoluene	mg/l	.02	0.0185	92.7	74-122	WG154322
sec-Butylbenzene	mg/l	.02	0.0195	97.4	66-118	WG154322
Styrene	mg/l	.02	0.0184	91.8	78-114	WG154322
tert-Butylbenzene	mg/l	.02	0.0193	96.7	69-121	WG154322
Tetrachloroethene	mg/l	.02	0.0200	100.	71-132	WG154322
Toluene	mg/l	.02	0.0190	94.8	68-122	WG154322
trans-1,2-Dichloroethene	mg/l	.02	0.0209	104.	65-141	WG154322
Trichloroethene	mg/l	.02	0.0206	103.	81-129	WG154322
Trichlorofluoromethane	mg/l	.02	0.0174	87.0	46-94	WG154322
Vinyl chloride	mg/l	.02	0.0148	74.0	40-95	WG154322

Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Lead	mg/l	1.03	1.03	0.00	20	R194243-3	WG153875
1,2,4-Trichlorobenzene	ppm	0.0303	0.0310	2.45	25	R194420-3	WG153980
2-Methylnaphthalene	ppm	0.0316	0.0317	0.379	21	R194420-3	WG153980
2,4,6-Trichlorophenol	ppm	0.0387	0.0388	0.310	20	R194420-3	WG153980
2,4-Dichlorophenol	ppm	0.0375	0.0356	5.15	21	R194420-3	WG153980
2,4-Dimethylphenol	ppm	0.0413	0.0408	1.17	24	R194420-3	WG153980
2,4-Dinitrophenol	ppm	0.0333	0.0310	7.03	29	R194420-3	WG153980
2,4-Dinitrotoluene	ppm	0.0392	0.0378	3.74	23	R194420-3	WG153980
2,6-Dinitrotoluene	ppm	0.0332	0.0329	0.818	22	R194420-3	WG153980
2-Chloronaphthalene	ppm	0.0332	0.0339	2.00	23	R194420-3	WG153980
2-Chlorophenol	ppm	0.0333	0.0322	3.30	25	R194420-3	WG153980
2-Methylnaphthalene	ppm	0.0312	0.0324	3.75	20	R194420-3	WG153980
2-Nitrophenol	ppm	0.0278	0.0271	2.51	24	R194420-3	WG153980
3,3-Dichlorobenzidine	ppm	0.0717	0.0778	8.19	25	R194420-3	WG153980
4,6-Dinitro-2-methylphenol	ppm	0.0397	0.0388	2.30	30	R194420-3	WG153980
4-Bromophenyl-phenylether	ppm	0.0340	0.0355	4.29	22	R194420-3	WG153980
4-Chloro-3-methylphenol	ppm	0.0375	0.0373	0.588	23	R194420-3	WG153980
4-Chlorophenyl-phenylether	ppm	0.0361	0.0364	0.800	24	R194420-3	WG153980
4-Nitrophenol	ppm	0.0136	0.0139	1.97	29	R194420-3	WG153980
Acenaphthene	ppm	0.0342	0.0339	0.911	21	R194420-3	WG153980
Acenaphthylene	ppm	0.0388	0.0401	3.50	21	R194420-3	WG153980
Anthracene	ppm	0.0467	0.0490	4.79	20	R194420-3	WG153980
Benzidine	ppm	0.0152	0.0139	8.99	64	R194420-3	WG153980
Benzo(a)anthracene	ppm	0.0401	0.0428	6.66	20	R194420-3	WG153980
Benzo(a)pyrene	ppm	0.0457	0.0476	4.18	22	R194420-3	WG153980
Benzo(b)fluoranthene	ppm	0.0399	0.0384	3.96	24	R194420-3	WG153980

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Benzo(g,h,i)perylene	ppm	0.0511	0.0526	2.84	33	R194420-3	WG153980

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Benzo(k)fluoranthene	ppm	0.0434	0.0470	7.98	23	R194420-3	WG153980
Benzylbutyl phthalate	ppm	0.0426	0.0452	5.92	24	R194420-3	WG153980
Bis(2-chlorethoxy)methane	ppm	0.0320	0.0323	0.934	24	R194420-3	WG153980
Bis(2-chloroethyl)ether	ppm	0.0263	0.0232	12.3	26	R194420-3	WG153980
Bis(2-chloroisopropyl)ether	ppm	0.0322	0.0312	3.00	27	R194420-3	WG153980
Bis(2-ethylhexyl)phthalate	ppm	0.0368	0.0396	7.44	24	R194420-3	WG153980
Chrysene	ppm	0.0410	0.0443	7.58	21	R194420-3	WG153980
Di-n-butyl phthalate	ppm	0.0470	0.0510	8.08	23	R194420-3	WG153980
Di-n-octyl phthalate	ppm	0.0389	0.0429	9.61	30	R194420-3	WG153980
Dibenz(a,h)anthracene	ppm	0.0544	0.0570	4.56	28	R194420-3	WG153980
Diethyl phthalate	ppm	0.0418	0.0418	0.144	22	R194420-3	WG153980
Dimethyl phthalate	ppm	0.0395	0.0401	1.46	23	R194420-3	WG153980
Fluoranthene	ppm	0.0452	0.0496	9.37	21	R194420-3	WG153980
Fluorene	ppm	0.0379	0.0381	0.658	22	R194420-3	WG153980
Hexachloro-1,3-butadiene	ppm	0.0329	0.0335	1.60	26	R194420-3	WG153980
Hexachlorobenzene	ppm	0.0428	0.0446	4.28	23	R194420-3	WG153980
Hexachlorocyclopentadiene	ppm	0.0248	0.0219	12.5	29	R194420-3	WG153980
Hexachloroethane	ppm	0.0236	0.0233	1.37	26	R194420-3	WG153980
Indeno(1,2,3-cd)pyrene	ppm	0.0511	0.0532	4.00	29	R194420-3	WG153980
Isophorone	ppm	0.0436	0.0447	2.42	26	R194420-3	WG153980
N-Nitrosodi-n-propylamine	ppm	0.0354	0.0348	1.85	26	R194420-3	WG153980
N-Nitrosodimethylamine	ppm	0.0201	0.0201	0.0498	26	R194420-3	WG153980
N-Nitrosodiphenylamine	ppm	0.0576	0.0600	4.08	29	R194420-3	WG153980
Naphthalene	ppm	0.0314	0.0314	0.0956	39	R194420-3	WG153980
Nitrobenzene	ppm	0.0261	0.0255	2.13	25	R194420-3	WG153980
Pentachlorophenol	ppm	0.0311	0.0310	0.161	24	R194420-3	WG153980
Phenanthrene	ppm	0.0447	0.0467	4.42	22	R194420-3	WG153980
Phenol	ppm	0.0149	0.0142	4.62	24	R194420-3	WG153980
Pyrene	ppm	0.0385	0.0391	1.49	24	R194420-3	WG153980
1,1,1,2-Tetrachloroethane	mg/l	0.0204	0.0194	5.09	16	R194435-2	WG154015
1,1,1-Trichloroethane	mg/l	0.0199	0.0203	1.94	28	R194435-2	WG154015
1,1,2,2-Tetrachloroethane	mg/l	0.0220	0.0207	6.14	10	R194435-2	WG154015
1,1,2-Trichloroethane	mg/l	0.0224	0.0213	4.76	16	R194435-2	WG154015
1,1-Dichloroethane	mg/l	0.0208	0.0214	2.89	17	R194435-2	WG154015
1,1-Dichloroethene	mg/l	0.0203	0.0208	2.39	36	R194435-2	WG154015
1,1-Dichloropropene	mg/l	0.0224	0.0220	1.67	33	R194435-2	WG154015
1,2,3-Trichlorobenzene	mg/l	0.0231	0.0201	13.8	17	R194435-2	WG154015
1,2,3-Trichloropropane	mg/l	0.0209	0.0207	1.30	13	R194435-2	WG154015
1,2,4-Trichlorobenzene	mg/l	0.0225	0.0211	6.52	25	R194435-2	WG154015
1,2,4-Trimethylbenzene	mg/l	0.0199	0.0191	4.46	29	R194435-2	WG154015
1,2-Dibromo-3-Chloropropane	mg/l	0.0192	0.0175	9.45	21	R194435-2	WG154015
1,2-Dibromoethane	mg/l	0.0218	0.0203	7.27	19	R194435-2	WG154015
1,2-Dichlorobenzene	mg/l	0.0206	0.0201	2.45	16	R194435-2	WG154015
1,2-Dichloroethane	mg/l	0.0230	0.0232	1.04	13	R194435-2	WG154015
1,2-Dichloropropane	mg/l	0.0239	0.0206	15.0	14	R194435-2	WG154015
1,3,5-Trimethylbenzene	mg/l	0.0193	0.0182	5.92	28	R194435-2	WG154015
1,3-Dichlorobenzene	mg/l	0.0185	0.0178	3.91	25	R194435-2	WG154015
1,3-Dichloropropane	mg/l	0.0223	0.0205	8.49	15	R194435-2	WG154015
1,4-Dichlorobenzene	mg/l	0.0201	0.0197	1.96	18	R194435-2	WG154015
2,2-Dichloropropane	mg/l	0.0203	0.0209	2.97	31	R194435-2	WG154015
2-Butanone (MEK)	mg/l	0.0988	0.0999	1.09	10	R194435-2	WG154015
2-Chlorotoluene	mg/l	0.0199	0.0191	4.36	24	R194435-2	WG154015
4-Chlorotoluene	mg/l	0.0201	0.0187	6.81	22	R194435-2	WG154015
4-Methyl-2-pentanone (MIBK)	mg/l	0.0945	0.0986	4.29	12	R194435-2	WG154015
Acetone	mg/l	0.110	0.110	0.336	20	R194435-2	WG154015
Acrolein	mg/l	0.0338	0.0344	1.79	34	R194435-2	WG154015
Acrylonitrile	mg/l	0.0966	0.0957	0.863	13	R194435-2	WG154015
Benzene	mg/l	0.0206	0.0209	1.45	20	R194435-2	WG154015

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Quality Assurance Report
Level II

L152584

May 03, 2004

Bromobenzene	mg/l	0.0200	0.0192	3.99	22	R194435-2	WG154015

Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Bromodichloromethane	mg/l	0.0226	0.0222	1.88	13	R194435-2	WG154015
Bromoform	mg/l	0.0195	0.0182	7.00	18	R194435-2	WG154015
Bromomethane	mg/l	0.0087	0.0085	2.31	20	R194435-2	WG154015
Carbon tetrachloride	mg/l	0.0197	0.0197	0.00	36	R194435-2	WG154015
Chlorobenzene	mg/l	0.0198	0.0192	3.28	21	R194435-2	WG154015
Chlorodibromomethane	mg/l	0.0203	0.0190	6.36	17	R194435-2	WG154015
Chloroethane	mg/l	0.0202	0.0211	4.40	25	R194435-2	WG154015
Chloroform	mg/l	0.0200	0.0201	0.549	26	R194435-2	WG154015
Chloromethane	mg/l	0.0289	0.0299	3.40	31	R194435-2	WG154015
cis-1,2-Dichloroethene	mg/l	0.0210	0.0223	5.78	18	R194435-2	WG154015
Di-isopropyl ether	mg/l	0.0235	0.0239	1.43	48	R194435-2	WG154015
Dibromomethane	mg/l	0.0211	0.0210	0.381	12	R194435-2	WG154015
Dichlorodifluoromethane	mg/l	0.0363	0.0362	0.304	28	R194435-2	WG154015
Ethylbenzene	mg/l	0.0199	0.0187	6.54	25	R194435-2	WG154015
Hexachlorobutadiene	mg/l	0.0202	0.0187	7.91	36	R194435-2	WG154015
Isopropylbenzene	mg/l	0.0194	0.0186	4.43	29	R194435-2	WG154015
m&p-Xylenes	mg/l	0.0391	0.0381	2.43	22	R194435-2	WG154015
Methyl tert-butyl ether	mg/l	0.0230	0.0234	1.68	34	R194435-2	WG154015
Methylene Chloride	mg/l	0.0211	0.0216	2.20	16	R194435-2	WG154015
n-Butylbenzene	mg/l	0.0210	0.0198	5.89	30	R194435-2	WG154015
n-Propylbenzene	mg/l	0.0200	0.0185	7.58	30	R194435-2	WG154015
Naphthalene	mg/l	0.0235	0.0197	17.7	39	R194435-2	WG154015
o-Xylene	mg/l	0.0197	0.0189	4.04	20	R194435-2	WG154015
p-Isopropyltoluene	mg/l	0.0194	0.0184	5.50	36	R194435-2	WG154015
sec-Butylbenzene	mg/l	0.0193	0.0184	4.77	32	R194435-2	WG154015
Styrene	mg/l	0.0201	0.0186	7.92	21	R194435-2	WG154015
tert-Butylbenzene	mg/l	0.0195	0.0184	5.71	30	R194435-2	WG154015
Tetrachloroethene	mg/l	0.0182	0.0180	1.16	32	R194435-2	WG154015
Toluene	mg/l	0.0201	0.0203	0.988	17	R194435-2	WG154015
trans-1,2-Dichloroethene	mg/l	0.0208	0.0224	7.56	27	R194435-2	WG154015
Trichloroethene	mg/l	0.0213	0.0213	0.0938	25	R194435-2	WG154015
Trichlorofluoromethane	mg/l	0.0205	0.0206	0.536	41	R194435-2	WG154015
Vinyl chloride	mg/l	0.0263	0.0272	3.29	36	R194435-2	WG154015
1,1,1,2-Tetrachloroethane	mg/l	0.0172	0.0169	2.11	16	R194451-3	WG154239
1,1,1-Trichloroethane	mg/l	0.0156	0.0151	3.26	28	R194451-3	WG154239
1,1,2,2-Tetrachloroethane	mg/l	0.0208	0.0215	3.27	10	R194451-3	WG154239
1,1,2-Trichloroethane	mg/l	0.0209	0.0217	3.48	16	R194451-3	WG154239
1,1-Dichloroethane	mg/l	0.0186	0.0188	1.45	17	R194451-3	WG154239
1,1-Dichloroethene	mg/l	0.0161	0.0204	23.7	36	R194451-3	WG154239
1,1-Dichloropropene	mg/l	0.0195	0.0194	0.513	33	R194451-3	WG154239
1,2,3-Trichlorobenzene	mg/l	0.0228	0.0213	6.90	17	R194451-3	WG154239
1,2,3-Trichloropropane	mg/l	0.0203	0.0220	7.75	13	R194451-3	WG154239
1,2,4-Trichlorobenzene	mg/l	0.0234	0.0219	6.40	25	R194451-3	WG154239
1,2,4-Trimethylbenzene	mg/l	0.0215	0.0221	2.89	29	R194451-3	WG154239
1,2-Dibromo-3-Chloropropane	mg/l	0.0163	0.0155	5.23	21	R194451-3	WG154239
1,2-Dibromoethane	mg/l	0.0213	0.0214	0.749	19	R194451-3	WG154239
1,2-Dichlorobenzene	mg/l	0.0196	0.0199	1.67	16	R194451-3	WG154239
1,2-Dichloroethane	mg/l	0.0206	0.0209	1.83	13	R194451-3	WG154239
1,2-Dichloropropane	mg/l	0.0201	0.0207	3.28	14	R194451-3	WG154239
1,3,5-Trimethylbenzene	mg/l	0.0201	0.0209	4.00	28	R194451-3	WG154239
1,3-Dichlorobenzene	mg/l	0.0206	0.0207	0.872	25	R194451-3	WG154239
1,3-Dichloropropane	mg/l	0.0210	0.0211	0.523	15	R194451-3	WG154239
1,4-Dichlorobenzene	mg/l	0.0200	0.0202	0.996	18	R194451-3	WG154239
2,2-Dichloropropane	mg/l	0.0179	0.0174	2.78	31	R194451-3	WG154239
2-Butanone (MEK)	mg/l	0.0991	0.0974	1.65	10	R194451-3	WG154239
2-Chlorotoluene	mg/l	0.0201	0.0207	2.70	24	R194451-3	WG154239
4-Chlorotoluene	mg/l	0.0208	0.0214	2.94	22	R194451-3	WG154239
4-Methyl-2-pentanone (MIBK)	mg/l	0.0998	0.104	4.54	12	R194451-3	WG154239

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Acetone	mg/l	0.0989	0.0996	0.716	20	R194451-3	WG154239

Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Acrolein	mg/l	0.0339	0.0442	26.6	34	R194451-3	WG154239
Acrylonitrile	mg/l	0.0824	0.0840	1.87	13	R194451-3	WG154239
Benzene	mg/l	0.0180	0.0181	0.444	20	R194451-3	WG154239
Bromobenzene	mg/l	0.0210	0.0209	0.383	22	R194451-3	WG154239
Bromodichloromethane	mg/l	0.0191	0.0188	1.69	13	R194451-3	WG154239
Bromoform	mg/l	0.0148	0.0137	7.16	18	R194451-3	WG154239
Bromomethane	mg/l	0.0164	0.0174	5.85	20	R194451-3	WG154239
Carbon tetrachloride	mg/l	0.0137	0.0131	3.95	36	R194451-3	WG154239
Chlorobenzene	mg/l	0.0199	0.0202	1.60	21	R194451-3	WG154239
Chlorodibromomethane	mg/l	0.0165	0.0156	5.66	17	R194451-3	WG154239
Chloroethane	mg/l	0.0205	0.0206	0.633	25	R194451-3	WG154239
Chloroform	mg/l	0.0179	0.0182	1.89	26	R194451-3	WG154239
Chloromethane	mg/l	0.0214	0.0216	1.26	31	R194451-3	WG154239
cis-1,2-Dichloroethene	mg/l	0.0193	0.0197	2.15	18	R194451-3	WG154239
Di-isopropyl ether	mg/l	0.0193	0.0195	0.981	48	R194451-3	WG154239
Dibromomethane	mg/l	0.0208	0.0204	2.33	12	R194451-3	WG154239
Dichlorodifluoromethane	mg/l	0.0298	0.0305	2.22	28	R194451-3	WG154239
Ethylbenzene	mg/l	0.0196	0.0201	2.82	25	R194451-3	WG154239
Hexachlorobutadiene	mg/l	0.0187	0.0185	1.18	36	R194451-3	WG154239
Isopropylbenzene	mg/l	0.0196	0.0202	3.22	29	R194451-3	WG154239
m&p-Xylenes	mg/l	0.0399	0.0413	3.55	22	R194451-3	WG154239
Methyl tert-butyl ether	mg/l	0.0172	0.0167	2.65	34	R194451-3	WG154239
Methylene Chloride	mg/l	0.0197	0.0200	1.61	16	R194451-3	WG154239
n-Butylbenzene	mg/l	0.0201	0.0203	0.890	30	R194451-3	WG154239
n-Propylbenzene	mg/l	0.0196	0.0203	3.26	30	R194451-3	WG154239
Naphthalene	mg/l	0.0189	0.0170	10.9	39	R194451-3	WG154239
o-Xylene	mg/l	0.0199	0.0205	3.27	20	R194451-3	WG154239
p-Isopropyltoluene	mg/l	0.0209	0.0210	0.621	36	R194451-3	WG154239
sec-Butylbenzene	mg/l	0.0200	0.0204	1.93	32	R194451-3	WG154239
Styrene	mg/l	0.0200	0.0209	4.34	21	R194451-3	WG154239
tert-Butylbenzene	mg/l	0.0195	0.0200	2.38	30	R194451-3	WG154239
Tetrachloroethene	mg/l	0.0191	0.0195	2.28	32	R194451-3	WG154239
Toluene	mg/l	0.0183	0.0189	3.07	17	R194451-3	WG154239
trans-1,2-Dichloroethene	mg/l	0.0199	0.0203	2.14	27	R194451-3	WG154239
Trichloroethene	mg/l	0.0194	0.0201	3.09	25	R194451-3	WG154239
Trichlorofluoromethane	mg/l	0.0184	0.0185	0.489	41	R194451-3	WG154239
Vinyl chloride	mg/l	0.0211	0.0213	1.32	36	R194451-3	WG154239
1,1,1,2-Tetrachloroethane	mg/l	0.0223	0.0217	2.50	16	R194590-3	WG154293
1,1,1-Trichloroethane	mg/l	0.0198	0.0191	3.54	28	R194590-3	WG154293
1,1,2,2-Tetrachloroethane	mg/l	0.0216	0.0196	9.78	10	R194590-3	WG154293
1,1,2-Trichloroethane	mg/l	0.0212	0.0203	4.24	16	R194590-3	WG154293
1,1-Dichloroethane	mg/l	0.0242	0.0239	1.46	17	R194590-3	WG154293
1,1-Dichloroethene	mg/l	0.0209	0.0211	0.762	36	R194590-3	WG154293
1,1-Dichloropropene	mg/l	0.0198	0.0191	3.65	33	R194590-3	WG154293
1,2,3-Trichlorobenzene	mg/l	0.0253	0.0198	24.5	17	R194590-3	WG154293
1,2,3-Trichloropropane	mg/l	0.0214	0.0197	8.16	13	R194590-3	WG154293
1,2,4-Trichlorobenzene	mg/l	0.0235	0.0205	14.0	25	R194590-3	WG154293
1,2,4-Trimethylbenzene	mg/l	0.0202	0.0189	7.11	29	R194590-3	WG154293
1,2-Dibromo-3-Chloropropane	mg/l	0.0216	0.0179	18.7	21	R194590-3	WG154293
1,2-Dibromoethane	mg/l	0.0211	0.0200	5.21	19	R194590-3	WG154293
1,2-Dichlorobenzene	mg/l	0.0194	0.0182	6.12	16	R194590-3	WG154293
1,2-Dichloroethane	mg/l	0.0216	0.0212	1.68	13	R194590-3	WG154293
1,2-Dichloropropane	mg/l	0.0198	0.0191	3.66	14	R194590-3	WG154293
1,3,5-Trimethylbenzene	mg/l	0.0197	0.0188	4.67	28	R194590-3	WG154293
1,3-Dichlorobenzene	mg/l	0.0205	0.0192	6.45	25	R194590-3	WG154293
1,3-Dichloropropane	mg/l	0.0200	0.0195	2.84	15	R194590-3	WG154293
1,4-Dichlorobenzene	mg/l	0.0188	0.0180	4.19	18	R194590-3	WG154293
2,2-Dichloropropane	mg/l	0.0195	0.0190	2.59	31	R194590-3	WG154293

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2-Butanone (MEK)	mg/l	0.102	0.0921	9.68	10	R194590-3	WG154293

Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
2-Chlorotoluene	mg/l	0.0197	0.0186	6.01	24	R194590-3	WG154293
4-Chlorotoluene	mg/l	0.0196	0.0186	5.24	22	R194590-3	WG154293
4-Methyl-2-pentanone (MIBK)	mg/l	0.107	0.101	6.05	12	R194590-3	WG154293
Acetone	mg/l	0.112	0.111	1.13	20	R194590-3	WG154293
Acrolein	mg/l	0.0233	0.0215	7.68	34	R194590-3	WG154293
Acrylonitrile	mg/l	0.0913	0.0883	3.39	13	R194590-3	WG154293
Benzene	mg/l	0.0188	0.0180	4.36	20	R194590-3	WG154293
Bromobenzene	mg/l	0.0211	0.0201	4.94	22	R194590-3	WG154293
Bromodichloromethane	mg/l	0.0230	0.0223	3.05	13	R194590-3	WG154293
Bromoform	mg/l	0.0227	0.0213	6.19	18	R194590-3	WG154293
Bromomethane	mg/l	0.0096	0.0103	6.73	20	R194590-3	WG154293
Carbon tetrachloride	mg/l	0.0207	0.0199	3.84	36	R194590-3	WG154293
Chlorobenzene	mg/l	0.0192	0.0187	2.74	21	R194590-3	WG154293
Chlorodibromomethane	mg/l	0.0208	0.0201	3.23	17	R194590-3	WG154293
Chloroethane	mg/l	0.0168	0.0166	1.62	25	R194590-3	WG154293
Chloroform	mg/l	0.0232	0.0232	0.259	26	R194590-3	WG154293
Chloromethane	mg/l	0.0143	0.0139	3.19	31	R194590-3	WG154293
cis-1,2-Dichloroethene	mg/l	0.0214	0.0208	2.61	18	R194590-3	WG154293
Di-isopropyl ether	mg/l	0.0192	0.0186	2.75	48	R194590-3	WG154293
Dibromomethane	mg/l	0.0205	0.0203	1.13	12	R194590-3	WG154293
Dichlorodifluoromethane	mg/l	0.0133	0.0127	3.92	28	R194590-3	WG154293
Ethylbenzene	mg/l	0.0191	0.0182	4.77	25	R194590-3	WG154293
Hexachlorobutadiene	mg/l	0.0201	0.0189	6.19	36	R194590-3	WG154293
Isopropylbenzene	mg/l	0.0195	0.0185	5.32	29	R194590-3	WG154293
m&p-Xylenes	mg/l	0.0376	0.0364	3.38	22	R194590-3	WG154293
Methyl tert-butyl ether	mg/l	0.0103	0.0099	3.75	34	R194590-3	WG154293
Methylene Chloride	mg/l	0.0192	0.0188	2.16	16	R194590-3	WG154293
n-Butylbenzene	mg/l	0.0190	0.0182	4.68	30	R194590-3	WG154293
n-Propylbenzene	mg/l	0.0194	0.0185	4.85	30	R194590-3	WG154293
Naphthalene	mg/l	0.0253	0.0196	25.5	39	R194590-3	WG154293
o-Xylene	mg/l	0.0197	0.0186	5.76	20	R194590-3	WG154293
p-Isopropyltoluene	mg/l	0.0200	0.0189	5.60	36	R194590-3	WG154293
sec-Butylbenzene	mg/l	0.0196	0.0189	3.43	32	R194590-3	WG154293
Styrene	mg/l	0.0190	0.0179	6.35	21	R194590-3	WG154293
tert-Butylbenzene	mg/l	0.0201	0.0189	5.85	30	R194590-3	WG154293
Tetrachloroethene	mg/l	0.0193	0.0183	5.11	32	R194590-3	WG154293
Toluene	mg/l	0.0186	0.0179	3.89	17	R194590-3	WG154293
trans-1,2-Dichloroethene	mg/l	0.0213	0.0212	0.518	27	R194590-3	WG154293
Trichloroethene	mg/l	0.0201	0.0197	1.91	25	R194590-3	WG154293
Trichlorofluoromethane	mg/l	0.0178	0.0183	2.66	41	R194590-3	WG154293
Vinyl chloride	mg/l	0.0164	0.0159	2.91	36	R194590-3	WG154293
1,1,1,2-Tetrachloroethane	mg/l	0.0232	0.0220	5.58	16	R194617-2	WG154322
1,1,1-Trichloroethane	mg/l	0.0213	0.0197	7.66	28	R194617-2	WG154322
1,1,2,2-Tetrachloroethane	mg/l	0.0211	0.0199	6.10	10	R194617-2	WG154322
1,1,2-Trichloroethane	mg/l	0.0220	0.0204	7.88	16	R194617-2	WG154322
1,1-Dichloroethane	mg/l	0.0246	0.0220	11.2	17	R194617-2	WG154322
1,1-Dichloroethene	mg/l	0.0223	0.0204	9.18	36	R194617-2	WG154322
1,1-Dichloropropene	mg/l	0.0216	0.0202	6.93	33	R194617-2	WG154322
1,2,3-Trichlorobenzene	mg/l	0.0231	0.0186	21.7	17	R194617-2	WG154322
1,2,3-Trichloropropane	mg/l	0.0213	0.0201	5.70	13	R194617-2	WG154322
1,2,4-Trichlorobenzene	mg/l	0.0208	0.0183	12.8	25	R194617-2	WG154322
1,2,4-Trimethylbenzene	mg/l	0.0207	0.0192	7.53	29	R194617-2	WG154322
1,2-Dibromo-3-Chloropropane	mg/l	0.0207	0.0186	10.7	21	R194617-2	WG154322
1,2-Dibromoethane	mg/l	0.0221	0.0208	6.02	19	R194617-2	WG154322
1,2-Dichlorobenzene	mg/l	0.0197	0.0181	8.47	16	R194617-2	WG154322
1,2-Dichloroethane	mg/l	0.0226	0.0204	10.6	13	R194617-2	WG154322
1,2-Dichloropropane	mg/l	0.0209	0.0192	8.13	14	R194617-2	WG154322
1,3,5-Trimethylbenzene	mg/l	0.0203	0.0193	4.86	28	R194617-2	WG154322

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Quality Assurance Report
Level II

L152584

May 03, 2004

1,3-Dichlorobenzene	mg/l	0.0200	0.0187	6.67	25	R194617-2	WG154322

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
1,3-Dichloropropane	mg/l	0.0215	0.0200	7.32	15	R194617-2	WG154322
1,4-Dichlorobenzene	mg/l	0.0190	0.0176	7.39	18	R194617-2	WG154322
2,2-Dichloropropane	mg/l	0.0201	0.0188	6.74	31	R194617-2	WG154322
2-Butanone (MEK)	mg/l	0.103	0.0936	9.94	10	R194617-2	WG154322
2-Chlorotoluene	mg/l	0.0198	0.0188	4.88	24	R194617-2	WG154322
4-Chlorotoluene	mg/l	0.0198	0.0188	5.24	22	R194617-2	WG154322
4-Methyl-2-pentanone (MIBK)	mg/l	0.108	0.101	6.12	12	R194617-2	WG154322
Acetone	mg/l	0.107	0.0929	13.9	20	R194617-2	WG154322
Acrolein	mg/l	0.0264	0.0220	18.2	34	R194617-2	WG154322
Acrylonitrile	mg/l	0.0897	0.0819	9.12	13	R194617-2	WG154322
Benzene	mg/l	0.0204	0.0186	9.23	20	R194617-2	WG154322
Bromobenzene	mg/l	0.0219	0.0205	6.64	22	R194617-2	WG154322
Bromodichloromethane	mg/l	0.0240	0.0220	8.53	13	R194617-2	WG154322
Bromoform	mg/l	0.0230	0.0214	7.12	18	R194617-2	WG154322
Bromomethane	mg/l	0.0099	0.0101	1.50	20	R194617-2	WG154322
Carbon tetrachloride	mg/l	0.0222	0.0206	7.62	36	R194617-2	WG154322
Chlorobenzene	mg/l	0.0203	0.0191	6.21	21	R194617-2	WG154322
Chlorodibromomethane	mg/l	0.0217	0.0202	7.17	17	R194617-2	WG154322
Chloroethane	mg/l	0.0180	0.0165	8.76	25	R194617-2	WG154322
Chloroform	mg/l	0.0246	0.0213	14.3	26	R194617-2	WG154322
Chloromethane	mg/l	0.0131	0.0121	7.31	31	R194617-2	WG154322
cis-1,2-Dichloroethene	mg/l	0.0224	0.0202	10.3	18	R194617-2	WG154322
Di-isopropyl ether	mg/l	0.0205	0.0189	7.72	48	R194617-2	WG154322
Dibromomethane	mg/l	0.0216	0.0198	8.99	12	R194617-2	WG154322
Dichlorodifluoromethane	mg/l	0.0077	0.0072	6.57	28	R194617-2	WG154322
Ethylbenzene	mg/l	0.0203	0.0194	4.55	25	R194617-2	WG154322
Hexachlorobutadiene	mg/l	0.0198	0.0181	9.23	36	R194617-2	WG154322
Isopropylbenzene	mg/l	0.0204	0.0191	6.64	29	R194617-2	WG154322
m&p-Xylenes	mg/l	0.0404	0.0381	6.07	22	R194617-2	WG154322
Methyl tert-butyl ether	mg/l	0.0142	0.0144	1.40	34	R194617-2	WG154322
Methylene Chloride	mg/l	0.0203	0.0190	6.82	16	R194617-2	WG154322
n-Butylbenzene	mg/l	0.0187	0.0175	6.59	30	R194617-2	WG154322
n-Propylbenzene	mg/l	0.0198	0.0188	5.17	30	R194617-2	WG154322
Naphthalene	mg/l	0.0239	0.0195	20.3	39	R194617-2	WG154322
o-Xylene	mg/l	0.0204	0.0194	5.33	20	R194617-2	WG154322
p-Isopropyltoluene	mg/l	0.0201	0.0185	8.03	36	R194617-2	WG154322
sec-Butylbenzene	mg/l	0.0206	0.0195	5.64	32	R194617-2	WG154322
Styrene	mg/l	0.0195	0.0184	6.23	21	R194617-2	WG154322
tert-Butylbenzene	mg/l	0.0210	0.0193	8.14	30	R194617-2	WG154322
Tetrachloroethene	mg/l	0.0212	0.0200	5.44	32	R194617-2	WG154322
Toluene	mg/l	0.0197	0.0190	3.73	17	R194617-2	WG154322
trans-1,2-Dichloroethene	mg/l	0.0228	0.0209	9.02	27	R194617-2	WG154322
Trichloroethene	mg/l	0.0220	0.0206	6.53	25	R194617-2	WG154322
Trichlorofluoromethane	mg/l	0.0185	0.0174	6.13	41	R194617-2	WG154322
Vinyl chloride	mg/l	0.0162	0.0148	9.22	36	R194617-2	WG154322

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Lead	mg/l	1.01	0.00	1	101.	75-125	L152584-04	WG153875
1,1,1,2-Tetrachloroethane	mg/l	0.0171	0.00	0.02	85.6	67-139	L152753-01	WG154015
1,1,1-Trichloroethane	mg/l	0.0157	0.00	0.02	78.3	46-143	L152753-01	WG154015
1,1,2,2-Tetrachloroethane	mg/l	0.0222	0.00	0.02	111.	70-116	L152753-01	WG154015
1,1,2-Trichloroethane	mg/l	0.0219	0.00	0.02	110.	70-122	L152753-01	WG154015
1,1-Dichloroethane	mg/l	0.0204	0.00	0.02	102.	47-138	L152753-01	WG154015
1,1-Dichloroethene	mg/l	0.0198	0.00	0.02	99.0	56-162	L152753-01	WG154015
1,1-Dichloropropene	mg/l	0.0199	0.00	0.02	99.3	49-140	L152753-01	WG154015
1,2,3-Trichlorobenzene	mg/l	0.0182	0.00	0.02	91.2	63-124	L152753-01	WG154015

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Level II

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1,2,3-Trichloropropane	mg/l	0.0179	0.00	0.02	89.7	66-124	L152753-01	WG154015

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,2,4-Trichlorobenzene	mg/l	0.0174	0.00	0.02	86.8	52-130	L152753-01	WG154015
1,2,4-Trimethylbenzene	mg/l	0.0159	0.00	0.02	79.3	62-126	L152753-01	WG154015
1,2-Dibromo-3-Chloropropane	mg/l	0.0168	0.00	0.02	84.2	48-122	L152753-01	WG154015
1,2-Dibromoethane	mg/l	0.0186	0.00	0.02	92.9	74-121	L152753-01	WG154015
1,2-Dichlorobenzene	mg/l	0.0188	0.00	0.02	94.1	65-119	L152753-01	WG154015
1,2-Dichloroethane	mg/l	0.0179	0.00	0.02	89.7	48-148	L152753-01	WG154015
1,2-Dichloropropane	mg/l	0.0216	0.00	0.02	108.	66-122	L152753-01	WG154015
1,3,5-Trimethylbenzene	mg/l	0.0152	0.00	0.02	76.2	60-127	L152753-01	WG154015
1,3-Dichlorobenzene	mg/l	0.0152	0.00	0.02	75.8	62-122	L152753-01	WG154015
1,3-Dichloropropane	mg/l	0.0197	0.00	0.02	98.3	77-121	L152753-01	WG154015
1,4-Dichlorobenzene	mg/l	0.0178	0.00	0.02	89.1	60-123	L152753-01	WG154015
2,2-Dichloropropane	mg/l	0.0167	0.00	0.02	83.4	40-148	L152753-01	WG154015
2-Butanone (MEK)	mg/l	0.113	0.00	0.1	113.	26-114	L152753-01	WG154015
2-Chlorotoluene	mg/l	0.0162	0.00	0.02	81.1	62-120	L152753-01	WG154015
4-Chlorotoluene	mg/l	0.0157	0.00	0.02	78.6	63-123	L152753-01	WG154015
4-Methyl-2-pentanone (MIBK)	mg/l	0.101	0.00	0.1	101.	56-133	L152753-01	WG154015
Acetone	mg/l	0.123	0.00	0.1	123.	13-145	L152753-01	WG154015
Acrolein	mg/l	0.0432	0.00	0.1	43.2	14-90	L152753-01	WG154015
Acrylonitrile	mg/l	0.111	0.00	0.1	111.	33-128	L152753-01	WG154015
Benzene	mg/l	0.0210	0.00	0.02	105.	66-127	L152753-01	WG154015
Bromobenzene	mg/l	0.0170	0.00	0.02	85.1	67-134	L152753-01	WG154015
Bromodichloromethane	mg/l	0.0187	0.00	0.02	93.3	57-126	L152753-01	WG154015
Bromoform	mg/l	0.0157	0.00	0.02	78.4	52-130	L152753-01	WG154015
Bromomethane	mg/l	0.0048	0.00	0.02	24.1	17-150	L152753-01	WG154015
Carbon tetrachloride	mg/l	0.0156	0.00	0.02	78.0	42-141	L152753-01	WG154015
Chlorobenzene	mg/l	0.0172	0.00	0.02	86.2	66-125	L152753-01	WG154015
Chlorodibromomethane	mg/l	0.0165	0.00	0.02	82.5	58-123	L152753-01	WG154015
Chloroethane	mg/l	0.0315	0.00	0.02	157.	29-131	L152753-01	WG154015
Chloroform	mg/l	0.0176	0.00	0.02	88.2	46-136	L152753-01	WG154015
Chloromethane	mg/l	0.0308	0.00	0.02	154.	26-120	L152753-01	WG154015
cis-1,2-Dichloroethene	mg/l	0.0207	0.00	0.02	103.	59-133	L152753-01	WG154015
Di-isopropyl ether	mg/l	0.0246	0.00	0.02	123.	41-135	L152753-01	WG154015
Dibromomethane	mg/l	0.0188	0.00	0.02	94.2	64-119	L152753-01	WG154015
Dichlorodifluoromethane	mg/l	0.0271	0.00	0.02	136.	13-113	L152753-01	WG154015
Ethylbenzene	mg/l	0.0167	0.00	0.02	83.5	61-123	L152753-01	WG154015
Hexachlorobutadiene	mg/l	0.0150	0.00	0.02	75.1	39-138	L152753-01	WG154015
Isopropylbenzene	mg/l	0.0156	0.00	0.02	77.8	56-120	L152753-01	WG154015
m&p-Xylenes	mg/l	0.0329	0.00	0.04	82.2	71-127	L152753-01	WG154015
Methyl tert-butyl ether	mg/l	0.0211	0.00	0.02	106.	56-144	L152753-01	WG154015
Methylene Chloride	mg/l	0.0215	0.00	0.02	108.	55-123	L152753-01	WG154015
n-Butylbenzene	mg/l	0.0176	0.00	0.02	88.0	43-139	L152753-01	WG154015
n-Propylbenzene	mg/l	0.0162	0.00	0.02	81.0	57-127	L152753-01	WG154015
Naphthalene	mg/l	0.0204	0.00	0.02	102.	39-122	L152753-01	WG154015
o-Xylene	mg/l	0.0163	0.00	0.02	81.6	70-126	L152753-01	WG154015
p-Isopropyltoluene	mg/l	0.0159	0.00	0.02	79.6	58-127	L152753-01	WG154015
sec-Butylbenzene	mg/l	0.0163	0.00	0.02	81.7	55-124	L152753-01	WG154015
Styrene	mg/l	0.0151	0.00	0.02	75.7	61-119	L152753-01	WG154015
tert-Butylbenzene	mg/l	0.0164	0.00	0.02	82.2	58-129	L152753-01	WG154015
Tetrachloroethene	mg/l	0.0154	0.00	0.02	77.1	49-144	L152753-01	WG154015
Toluene	mg/l	0.0180	0.00	0.02	89.9	59-123	L152753-01	WG154015
trans-1,2-Dichloroethene	mg/l	0.0200	0.00	0.02	99.9	53-145	L152753-01	WG154015
Trichloroethene	mg/l	0.0181	0.00	0.02	90.4	61-141	L152753-01	WG154015
Trichlorofluoromethane	mg/l	0.0157	0.00	0.02	78.4	24-113	L152753-01	WG154015
Vinyl chloride	mg/l	0.0282	0.00	0.02	141.	26-110	L152753-01	WG154015
1,1,1,2-Tetrachloroethane	mg/l	0.0156	0.00	0.02	78.1	67-139	L152584-07	WG154239
1,1,1-Trichloroethane	mg/l	0.0318	0.0210	0.02	53.8	46-143	L152584-07	WG154239
1,1,2,2-Tetrachloroethane	mg/l	0.0205	0.00	0.02	103.	70-116	L152584-07	WG154239
1,1,2-Trichloroethane	mg/l	0.0200	0.00	0.02	99.9	70-122	L152584-07	WG154239

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1,1-Dichloroethane	mg/l	0.125	0.120	0.02	23.0	47-138	L152584-07	WG154239

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1-Dichloroethene	mg/l	0.0247	0.0100	0.02	73.7	56-162	L152584-07	WG154239
1,1-Dichloropropene	mg/l	0.0172	0.00	0.02	85.8	49-140	L152584-07	WG154239
1,2,3-Trichlorobenzene	mg/l	0.0188	0.00	0.02	93.9	63-124	L152584-07	WG154239
1,2,3-Trichloropropane	mg/l	0.0206	0.00	0.02	103.	66-124	L152584-07	WG154239
1,2,4-Trichlorobenzene	mg/l	0.0181	0.00	0.05	36.1	52-130	L152584-07	WG154239
1,2,4-Trimethylbenzene	mg/l	0.0184	0.00	0.02	92.0	62-126	L152584-07	WG154239
1,2-Dibromo-3-Chloropropane	mg/l	0.0174	0.00	0.02	86.9	48-122	L152584-07	WG154239
1,2-Dibromoethane	mg/l	0.0203	0.00	0.02	101.	74-121	L152584-07	WG154239
1,2-Dichlorobenzene	mg/l	0.0176	0.00	0.05	35.2	65-119	L152584-07	WG154239
1,2-Dichloroethane	mg/l	0.0204	0.0015	0.02	94.5	48-148	L152584-07	WG154239
1,2-Dichloropropane	mg/l	0.0185	0.00	0.02	92.4	66-122	L152584-07	WG154239
1,3,5-Trimethylbenzene	mg/l	0.0179	0.00	0.02	89.3	60-127	L152584-07	WG154239
1,3-Dichlorobenzene	mg/l	0.0173	0.00	0.05	34.5	62-122	L152584-07	WG154239
1,3-Dichloropropane	mg/l	0.0196	0.00	0.02	98.0	77-121	L152584-07	WG154239
1,4-Dichlorobenzene	mg/l	0.0168	0.00	0.05	33.7	60-123	L152584-07	WG154239
2,2-Dichloropropane	mg/l	0.0159	0.00	0.02	79.5	40-148	L152584-07	WG154239
2-Butanone (MEK)	mg/l	0.101	0.00	0.1	101.	26-114	L152584-07	WG154239
2-Chlorotoluene	mg/l	0.0266	0.0077	0.02	94.6	62-120	L152584-07	WG154239
4-Chlorotoluene	mg/l	0.0180	0.00	0.02	90.0	63-123	L152584-07	WG154239
4-Methyl-2-pentanone (MIBK)	mg/l	0.101	0.00	0.1	101.	56-133	L152584-07	WG154239
Acetone	mg/l	0.0941	0.00	0.1	94.1	13-145	L152584-07	WG154239
Acrolein	mg/l	0.0429	0.00	0.1	42.9	14-90	L152584-07	WG154239
Acrylonitrile	mg/l	0.0854	0.00	0.1	85.4	33-128	L152584-07	WG154239
Benzene	mg/l	0.0162	0.00	0.02	81.2	66-127	L152584-07	WG154239
Bromobenzene	mg/l	0.0185	0.00	0.02	92.4	67-134	L152584-07	WG154239
Bromodichloromethane	mg/l	0.0166	0.00	0.02	83.0	57-126	L152584-07	WG154239
Bromoform	mg/l	0.0131	0.00	0.02	65.5	52-130	L152584-07	WG154239
Bromomethane	mg/l	0.0146	0.00	0.02	72.9	17-150	L152584-07	WG154239
Carbon tetrachloride	mg/l	0.0126	0.00	0.02	63.2	42-141	L152584-07	WG154239
Chlorobenzene	mg/l	0.0182	0.00	0.02	91.2	66-125	L152584-07	WG154239
Chlorodibromomethane	mg/l	0.0149	0.00	0.02	74.3	58-123	L152584-07	WG154239
Chloroethane	mg/l	0.113	0.100	0.02	65.0	29-131	L152584-07	WG154239
Chloroform	mg/l	0.0161	0.00	0.02	80.6	46-136	L152584-07	WG154239
Chloromethane	mg/l	0.0190	0.00	0.02	94.9	26-120	L152584-07	WG154239
cis-1,2-Dichloroethene	mg/l	0.0247	0.0069	0.02	89.2	59-133	L152584-07	WG154239
Di-isopropyl ether	mg/l	0.0177	0.00	0.02	88.5	41-135	L152584-07	WG154239
Dibromomethane	mg/l	0.0189	0.00	0.02	94.7	64-119	L152584-07	WG154239
Dichlorodifluoromethane	mg/l	0.0248	0.00	0.02	124.	13-113	L152584-07	WG154239
Ethylbenzene	mg/l	0.0179	0.00	0.02	89.6	61-123	L152584-07	WG154239
Hexachlorobutadiene	mg/l	0.0160	0.00	0.02	79.9	39-138	L152584-07	WG154239
Isopropylbenzene	mg/l	0.0179	0.00	0.02	89.3	56-120	L152584-07	WG154239
m&p-Xylenes	mg/l	0.0354	0.00	0.04	88.5	71-127	L152584-07	WG154239
Methyl tert-butyl ether	mg/l	0.0151	0.00	0.02	75.7	56-144	L152584-07	WG154239
Methylene Chloride	mg/l	0.0173	0.00	0.02	86.5	55-123	L152584-07	WG154239
n-Butylbenzene	mg/l	0.0171	0.00	0.02	85.3	43-139	L152584-07	WG154239
n-Propylbenzene	mg/l	0.0174	0.00	0.02	87.2	57-127	L152584-07	WG154239
Naphthalene	mg/l	0.0199	0.00	0.05	39.8	39-122	L152584-07	WG154239
o-Xylene	mg/l	0.0189	0.00	0.02	94.7	70-126	L152584-07	WG154239
p-Isopropyltoluene	mg/l	0.0180	0.00	0.02	90.2	58-127	L152584-07	WG154239
sec-Butylbenzene	mg/l	0.0181	0.00	0.02	90.4	55-124	L152584-07	WG154239
Styrene	mg/l	0.0181	0.00	0.02	90.3	61-119	L152584-07	WG154239
tert-Butylbenzene	mg/l	0.0181	0.00	0.02	90.3	58-129	L152584-07	WG154239
Tetrachloroethene	mg/l	0.0164	0.00	0.02	82.0	49-144	L152584-07	WG154239
Toluene	mg/l	0.0161	0.00	0.02	80.5	59-123	L152584-07	WG154239
trans-1,2-Dichloroethene	mg/l	0.0180	0.00	0.02	89.9	53-145	L152584-07	WG154239
Trichloroethene	mg/l	0.0189	0.0023	0.02	83.0	61-141	L152584-07	WG154239
Trichlorofluoromethane	mg/l	0.0162	0.00	0.02	80.9	24-113	L152584-07	WG154239
Vinyl chloride	mg/l	0.0728	0.0650	0.02	39.1	26-110	L152584-07	WG154239

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Tax I.D. 62-0814289

Est. 1970

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Mr. Tom Davis
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Raleigh, NC 27607

Quality Assurance Report
Level II

L152584

May 03, 2004

1,1,1,2-Tetrachloroethane	mg/l	0.0228	0.00	0.02	114.	67-139	L152792-01	WG154293

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1-Trichloroethane	mg/l	0.0207	0.00	0.02	103.	46-143	L152792-01	WG154293
1,1,2,2-Tetrachloroethane	mg/l	0.0203	0.00	0.02	102.	70-116	L152792-01	WG154293
1,1,2-Trichloroethane	mg/l	0.0214	0.00	0.02	107.	70-122	L152792-01	WG154293
1,1-Dichloroethane	mg/l	0.0250	0.00	0.02	125.	47-138	L152792-01	WG154293
1,1-Dichloroethene	mg/l	0.0222	0.00	0.02	111.	56-162	L152792-01	WG154293
1,1-Dichloropropene	mg/l	0.0212	0.00	0.02	106.	49-140	L152792-01	WG154293
1,2,3-Trichlorobenzene	mg/l	0.0192	0.00	0.02	95.8	63-124	L152792-01	WG154293
1,2,3-Trichloropropane	mg/l	0.0202	0.00	0.02	101.	66-124	L152792-01	WG154293
1,2,4-Trichlorobenzene	mg/l	0.0194	0.00	0.02	96.8	52-130	L152792-01	WG154293
1,2,4-Trimethylbenzene	mg/l	0.0204	0.00	0.02	102.	62-126	L152792-01	WG154293
1,2-Dibromo-3-Chloropropane	mg/l	0.0179	0.00	0.02	89.5	48-122	L152792-01	WG154293
1,2-Dibromoethane	mg/l	0.0216	0.00	0.02	108.	74-121	L152792-01	WG154293
1,2-Dichlorobenzene	mg/l	0.0189	0.00	0.02	94.7	65-119	L152792-01	WG154293
1,2-Dichloroethane	mg/l	0.0223	0.00	0.02	112.	48-148	L152792-01	WG154293
1,2-Dichloropropane	mg/l	0.0200	0.00	0.02	100.	66-122	L152792-01	WG154293
1,3,5-Trimethylbenzene	mg/l	0.0203	0.00	0.02	102.	60-127	L152792-01	WG154293
1,3-Dichlorobenzene	mg/l	0.0201	0.00	0.02	101.	62-122	L152792-01	WG154293
1,3-Dichloropropane	mg/l	0.0206	0.00	0.02	103.	77-121	L152792-01	WG154293
1,4-Dichlorobenzene	mg/l	0.0185	0.00	0.02	92.7	60-123	L152792-01	WG154293
2,2-Dichloropropane	mg/l	0.0193	0.00	0.02	96.5	40-148	L152792-01	WG154293
2-Butanone (MEK)	mg/l	0.0962	0.00	0.1	96.2	26-114	L152792-01	WG154293
2-Chlorotoluene	mg/l	0.0197	0.00	0.02	98.5	62-120	L152792-01	WG154293
4-Chlorotoluene	mg/l	0.0198	0.00	0.02	99.1	63-123	L152792-01	WG154293
4-Methyl-2-pentanone (MIBK)	mg/l	0.100	0.00	0.1	100.	56-133	L152792-01	WG154293
Acetone	mg/l	0.0964	0.0024	0.1	94.0	13-145	L152792-01	WG154293
Acrolein	mg/l	0.0209	0.00	0.1	20.9	14-90	L152792-01	WG154293
Acrylonitrile	mg/l	0.0879	0.00	0.1	87.9	33-128	L152792-01	WG154293
Benzene	mg/l	0.0198	0.00	0.02	99.1	66-127	L152792-01	WG154293
Bromobenzene	mg/l	0.0219	0.00	0.02	110.	67-134	L152792-01	WG154293
Bromodichloromethane	mg/l	0.0228	0.00	0.02	114.	57-126	L152792-01	WG154293
Bromoform	mg/l	0.0219	0.00	0.02	109.	52-130	L152792-01	WG154293
Bromomethane	mg/l	0.0090	0.00	0.02	45.3	17-150	L152792-01	WG154293
Carbon tetrachloride	mg/l	0.0213	0.00	0.02	106.	42-141	L152792-01	WG154293
Chlorobenzene	mg/l	0.0203	0.00	0.02	101.	66-125	L152792-01	WG154293
Chlorodibromomethane	mg/l	0.0210	0.00	0.02	105.	58-123	L152792-01	WG154293
Chloroethane	mg/l	0.0179	0.00	0.02	89.4	29-131	L152792-01	WG154293
Chloroform	mg/l	0.0238	0.00	0.02	119.	46-136	L152792-01	WG154293
Chloromethane	mg/l	0.0125	0.00	0.02	62.4	26-120	L152792-01	WG154293
cis-1,2-Dichloroethene	mg/l	0.0223	0.00	0.02	112.	59-133	L152792-01	WG154293
Di-isopropyl ether	mg/l	0.0200	0.00	0.02	99.8	41-135	L152792-01	WG154293
Dibromomethane	mg/l	0.0212	0.0005	0.02	103.	64-119	L152792-01	WG154293
Dichlorodifluoromethane	mg/l	0.0074	0.00	0.02	37.5	13-113	L152792-01	WG154293
Ethylbenzene	mg/l	0.0203	0.00	0.02	102.	61-123	L152792-01	WG154293
Hexachlorobutadiene	mg/l	0.0192	0.00	0.02	95.8	39-138	L152792-01	WG154293
Isopropylbenzene	mg/l	0.0202	0.00	0.02	101.	56-120	L152792-01	WG154293
m&p-Xylenes	mg/l	0.0396	0.00	0.04	99.1	71-127	L152792-01	WG154293
Methyl tert-butyl ether	mg/l	0.0114	0.00	0.02	56.8	56-144	L152792-01	WG154293
Methylene Chloride	mg/l	0.0197	0.00	0.02	98.6	55-123	L152792-01	WG154293
n-Butylbenzene	mg/l	0.0187	0.00	0.02	93.4	43-139	L152792-01	WG154293
n-Propylbenzene	mg/l	0.0198	0.00	0.02	99.2	57-127	L152792-01	WG154293
Naphthalene	mg/l	0.0208	0.00	0.02	104.	39-122	L152792-01	WG154293
o-Xylene	mg/l	0.0205	0.00	0.02	103.	70-126	L152792-01	WG154293
p-Isopropyltoluene	mg/l	0.0203	0.00	0.02	101.	58-127	L152792-01	WG154293
sec-Butylbenzene	mg/l	0.0204	0.00	0.02	102.	55-124	L152792-01	WG154293
Styrene	mg/l	0.0191	0.00	0.02	95.3	61-119	L152792-01	WG154293
tert-Butylbenzene	mg/l	0.0207	0.00	0.02	103.	58-129	L152792-01	WG154293
Tetrachloroethene	mg/l	0.0208	0.00	0.02	104.	49-144	L152792-01	WG154293
Toluene	mg/l	0.0194	0.00	0.02	96.9	59-123	L152792-01	WG154293
trans-1,2-Dichloroethene	mg/l	0.0230	0.00	0.02	115.	53-145	L152792-01	WG154293

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Quality Assurance Report
Level II

L152584

May 03, 2004

Trichloroethene	mg/l	0.0213	0.00	0.02	107.	61-141	L152792-01	WG154293

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Trichlorofluoromethane	mg/l	0.0184	0.00	0.02	92.0	24-113	L152792-01	WG154293
Vinyl chloride	mg/l	0.0157	0.00	0.02	78.5	26-110	L152792-01	WG154293

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Lead	mg/l	1.03	1.01	2.35	20	103.	L152584-04	WG153875
1,1,1,2-Tetrachloroethane	mg/l	0.0181	0.0171	5.35	16	90.3	L152753-01	WG154015
1,1,1-Trichloroethane	mg/l	0.0165	0.0157	4.92	28	82.3	L152753-01	WG154015
1,1,2,2-Tetrachloroethane	mg/l	0.0222	0.0222	0.135	10	111.	L152753-01	WG154015
1,1,2-Trichloroethane	mg/l	0.0218	0.0219	0.641	16	109.	L152753-01	WG154015
1,1-Dichloroethane	mg/l	0.0223	0.0204	8.72	17	111.	L152753-01	WG154015
1,1-Dichloroethene	mg/l	0.0201	0.0198	1.25	36	100.	L152753-01	WG154015
1,1-Dichloropropene	mg/l	0.0212	0.0199	6.77	33	106.	L152753-01	WG154015
1,2,3-Trichlorobenzene	mg/l	0.0196	0.0182	7.24	17	98.1	L152753-01	WG154015
1,2,3-Trichloropropane	mg/l	0.0184	0.0179	2.64	13	92.1	L152753-01	WG154015
1,2,4-Trichlorobenzene	mg/l	0.0193	0.0174	10.8	25	96.7	L152753-01	WG154015
1,2,4-Trimethylbenzene	mg/l	0.0159	0.0159	0.252	29	79.5	L152753-01	WG154015
1,2-Dibromo-3-Chloropropane	mg/l	0.0168	0.0168	0.0594	21	84.1	L152753-01	WG154015
1,2-Dibromoethane	mg/l	0.0195	0.0186	4.58	19	97.3	L152753-01	WG154015
1,2-Dichlorobenzene	mg/l	0.0190	0.0188	0.847	16	94.9	L152753-01	WG154015
1,2-Dichloroethane	mg/l	0.0195	0.0179	8.44	13	97.6	L152753-01	WG154015
1,2-Dichloropropane	mg/l	0.0225	0.0216	4.12	14	113.	L152753-01	WG154015
1,3,5-Trimethylbenzene	mg/l	0.0158	0.0152	3.80	28	79.2	L152753-01	WG154015
1,3-Dichlorobenzene	mg/l	0.0160	0.0152	5.33	25	80.0	L152753-01	WG154015
1,3-Dichloropropane	mg/l	0.0207	0.0197	5.35	15	104.	L152753-01	WG154015
1,4-Dichlorobenzene	mg/l	0.0180	0.0178	1.12	18	90.1	L152753-01	WG154015
2,2-Dichloropropane	mg/l	0.0174	0.0167	4.29	31	87.0	L152753-01	WG154015
2-Butanone (MEK)	mg/l	0.118	0.113	4.24	10	118.	L152753-01	WG154015
2-Chlorotoluene	mg/l	0.0167	0.0162	2.92	24	83.5	L152753-01	WG154015
4-Chlorotoluene	mg/l	0.0164	0.0157	4.11	22	81.9	L152753-01	WG154015
4-Methyl-2-pentanone (MIBK)	mg/l	0.0949	0.101	6.58	12	94.9	L152753-01	WG154015
Acetone	mg/l	0.118	0.123	4.04	23	118.	L152753-01	WG154015
Acrolein	mg/l	0.0389	0.0432	10.5	34	38.9	L152753-01	WG154015
Acrylonitrile	mg/l	0.110	0.111	0.362	13	110.	L152753-01	WG154015
Benzene	mg/l	0.0224	0.0210	6.37	20	112.	L152753-01	WG154015
Bromobenzene	mg/l	0.0177	0.0170	3.75	22	88.3	L152753-01	WG154015
Bromodichloromethane	mg/l	0.0195	0.0187	4.51	13	97.6	L152753-01	WG154015
Bromoform	mg/l	0.0167	0.0157	6.30	18	83.5	L152753-01	WG154015
Bromomethane	mg/l	0.0068	0.0048	34.9	20	34.3	L152753-01	WG154015
Carbon tetrachloride	mg/l	0.0166	0.0156	6.09	36	82.9	L152753-01	WG154015
Chlorobenzene	mg/l	0.0182	0.0172	5.20	21	90.8	L152753-01	WG154015
Chlorodibromomethane	mg/l	0.0176	0.0165	6.40	17	87.9	L152753-01	WG154015
Chloroethane	mg/l	0.0339	0.0315	7.41	25	169.	L152753-01	WG154015
Chloroform	mg/l	0.0190	0.0176	7.48	26	95.1	L152753-01	WG154015
Chloromethane	mg/l	0.0306	0.0308	0.587	31	153.	L152753-01	WG154015
cis-1,2-Dichloroethene	mg/l	0.0219	0.0207	5.45	18	109.	L152753-01	WG154015
Di-isopropyl ether	mg/l	0.0268	0.0246	8.37	48	134.	L152753-01	WG154015
Dibromomethane	mg/l	0.0197	0.0188	4.21	12	98.3	L152753-01	WG154015
Dichlorodifluoromethane	mg/l	0.0297	0.0271	9.29	28	149.	L152753-01	WG154015
Ethylbenzene	mg/l	0.0176	0.0167	5.02	25	87.8	L152753-01	WG154015
Hexachlorobutadiene	mg/l	0.0159	0.0150	5.76	36	79.5	L152753-01	WG154015
Isopropylbenzene	mg/l	0.0162	0.0156	3.97	29	81.0	L152753-01	WG154015
m&p-Xylenes	mg/l	0.0349	0.0329	5.88	22	87.1	L152753-01	WG154015
Methyl tert-butyl ether	mg/l	0.0224	0.0211	5.70	16	112.	L152753-01	WG154015
Methylene Chloride	mg/l	0.0224	0.0215	3.96	16	112.	L152753-01	WG154015
n-Butylbenzene	mg/l	0.0187	0.0176	6.01	30	93.5	L152753-01	WG154015
n-Propylbenzene	mg/l	0.0164	0.0162	1.11	30	81.9	L152753-01	WG154015

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Quality Assurance Report
Level II

L152584

May 03, 2004

Naphthalene	mg/l	0.0229	0.0204	11.4	39	115.	L152753-01	WG154015

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
o-Xylene	mg/l	0.0175	0.0163	6.86	20	87.4	L152753-01	WG154015
-Isopropyltoluene	mg/l	0.0163	0.0159	2.30	36	81.5	L152753-01	WG154015
ec-Butylbenzene	mg/l	0.0168	0.0163	2.60	32	83.9	L152753-01	WG154015
tyrene	mg/l	0.0157	0.0151	3.70	21	78.5	L152753-01	WG154015
tert-Butylbenzene	mg/l	0.0167	0.0164	1.75	30	83.7	L152753-01	WG154015
Tetrachloroethene	mg/l	0.0163	0.0154	5.73	32	81.7	L152753-01	WG154015
oluene	mg/l	0.0188	0.0180	4.30	17	93.8	L152753-01	WG154015
rans-1,2-Dichloroethene	mg/l	0.0215	0.0200	7.42	27	108.	L152753-01	WG154015
richloroethene	mg/l	0.0189	0.0181	4.28	25	94.3	L152753-01	WG154015
Trichlorofluoromethane	mg/l	0.0171	0.0157	8.67	41	85.5	L152753-01	WG154015
Vinyl chloride	mg/l	0.0290	0.0282	2.83	36	145.	L152753-01	WG154015
,1,1,2-Tetrachloroethane	mg/l	0.0166	0.0156	5.91	16	82.8	L152584-07	WG154239
1,1,1-Trichloroethane	mg/l	0.0342	0.0318	7.37	28	65.9	L152584-07	WG154239
1,1,2,2-Tetrachloroethane	mg/l	0.0206	0.0205	0.340	10	103.	L152584-07	WG154239
,1,2-Trichloroethane	mg/l	0.0205	0.0200	2.47	16	102.	L152584-07	WG154239
,1-Dichloroethane	mg/l	0.131	0.125	5.08	17	55.5	L152584-07	WG154239
,1-Dichloroethene	mg/l	0.0276	0.0247	11.0	36	88.1	L152584-07	WG154239
1,1-Dichloropropene	mg/l	0.0174	0.0172	1.33	33	86.9	L152584-07	WG154239
1,2,3-Trichlorobenzene	mg/l	0.0203	0.0188	7.98	17	102.	L152584-07	WG154239
,2,3-Trichloropropane	mg/l	0.0207	0.0206	0.484	13	104.	L152584-07	WG154239
,2,4-Trichlorobenzene	mg/l	0.0195	0.0181	7.46	25	38.9	L152584-07	WG154239
,2,4-Trimethylbenzene	mg/l	0.0192	0.0184	4.41	29	96.2	L152584-07	WG154239
1,2-Dibromo-3-Chloropropane	mg/l	0.0178	0.0174	2.39	21	89.0	L152584-07	WG154239
1,2-Dibromoethane	mg/l	0.0207	0.0203	2.05	19	104.	L152584-07	WG154239
,2-Dichlorobenzene	mg/l	0.0186	0.0176	5.75	16	37.2	L152584-07	WG154239
,2-Dichloroethane	mg/l	0.0210	0.0204	2.80	13	97.4	L152584-07	WG154239
,2-Dichloropropane	mg/l	0.0188	0.0185	1.56	14	93.8	L152584-07	WG154239
1,3,5-Trimethylbenzene	mg/l	0.0187	0.0179	4.44	28	93.3	L152584-07	WG154239
1,3-Dichlorobenzene	mg/l	0.0182	0.0173	5.41	25	36.4	L152584-07	WG154239
,3-Dichloropropane	mg/l	0.0201	0.0196	2.27	15	100.	L152584-07	WG154239
,4-Dichlorobenzene	mg/l	0.0179	0.0168	6.10	18	35.8	L152584-07	WG154239
2,2-Dichloropropane	mg/l	0.0164	0.0159	3.10	31	82.0	L152584-07	WG154239
2-Butanone (MEK)	mg/l	0.0972	0.101	4.19	10	97.2	L152584-07	WG154239
2-Chlorotoluene	mg/l	0.0278	0.0266	4.37	24	101.	L152584-07	WG154239
-Chlorotoluene	mg/l	0.0187	0.0180	3.82	22	93.5	L152584-07	WG154239
-Methyl-2-pentanone (MIBK)	mg/l	0.0973	0.101	3.80	12	97.3	L152584-07	WG154239
Acetone	mg/l	0.0938	0.0941	0.341	23	93.8	L152584-07	WG154239
Acrolein	mg/l	0.0368	0.0429	15.2	34	36.8	L152584-07	WG154239
crylonitrile	mg/l	0.0825	0.0854	3.53	13	82.5	L152584-07	WG154239
enzene	mg/l	0.0167	0.0162	3.03	20	83.7	L152584-07	WG154239
romobenzene	mg/l	0.0191	0.0185	3.46	22	95.7	L152584-07	WG154239
Bromodichloromethane	mg/l	0.0176	0.0166	5.73	13	87.9	L152584-07	WG154239
Bromoform	mg/l	0.0145	0.0131	10.5	18	72.7	L152584-07	WG154239
romomethane	mg/l	0.0154	0.0146	5.73	20	77.2	L152584-07	WG154239
arbon tetrachloride	mg/l	0.0135	0.0126	6.66	36	67.5	L152584-07	WG154239
hlorobenzene	mg/l	0.0189	0.0182	3.61	21	94.5	L152584-07	WG154239
Chlorodibromomethane	mg/l	0.0160	0.0149	7.51	17	80.1	L152584-07	WG154239
Chloroethane	mg/l	0.117	0.113	3.73	25	86.5	L152584-07	WG154239
hloroform	mg/l	0.0169	0.0161	4.90	26	84.7	L152584-07	WG154239
hloromethane	mg/l	0.0198	0.0190	4.18	31	98.9	L152584-07	WG154239
cis-1,2-Dichloroethene	mg/l	0.0256	0.0247	3.22	18	93.3	L152584-07	WG154239
Di-isopropyl ether	mg/l	0.0184	0.0177	3.93	48	92.0	L152584-07	WG154239
Dibromomethane	mg/l	0.0196	0.0189	3.58	12	98.2	L152584-07	WG154239
ichlorodifluoromethane	mg/l	0.0263	0.0248	5.67	28	131.	L152584-07	WG154239
thylbenzene	mg/l	0.0184	0.0179	2.43	25	91.8	L152584-07	WG154239
Hexachlorobutadiene	mg/l	0.0166	0.0160	4.11	36	83.2	L152584-07	WG154239
Isopropylbenzene	mg/l	0.0184	0.0179	2.76	29	91.8	L152584-07	WG154239
&p-Xylenes	mg/l	0.0368	0.0354	4.04	22	92.1	L152584-07	WG154239

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Quality Assurance Report
Level II

L152584

May 03, 2004

Methyl tert-butyl ether	mg/l	0.0157	0.0151	3.38	16	78.3	L152584-07	WG154239

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Methylene Chloride	mg/l	0.0177	0.0173	2.29	16	88.5	L152584-07	WG154239
n-Butylbenzene	mg/l	0.0179	0.0171	4.75	30	89.5	L152584-07	WG154239
n-Propylbenzene	mg/l	0.0178	0.0174	1.82	30	88.8	L152584-07	WG154239
Naphthalene	mg/l	0.0197	0.0199	1.11	39	39.3	L152584-07	WG154239
o-Xylene	mg/l	0.0193	0.0189	1.78	20	96.4	L152584-07	WG154239
p-Isopropyltoluene	mg/l	0.0187	0.0180	3.54	36	93.4	L152584-07	WG154239
sec-Butylbenzene	mg/l	0.0188	0.0181	4.06	32	94.2	L152584-07	WG154239
Styrene	mg/l	0.0185	0.0181	2.30	21	92.4	L152584-07	WG154239
tert-Butylbenzene	mg/l	0.0188	0.0181	4.23	30	94.2	L152584-07	WG154239
Tetrachloroethene	mg/l	0.0170	0.0164	3.83	32	85.2	L152584-07	WG154239
Toluene	mg/l	0.0166	0.0161	3.24	17	83.2	L152584-07	WG154239
trans-1,2-Dichloroethene	mg/l	0.0182	0.0180	1.33	27	91.1	L152584-07	WG154239
Trichloroethene	mg/l	0.0199	0.0189	5.31	25	88.1	L152584-07	WG154239
Trichlorofluoromethane	mg/l	0.0164	0.0162	1.59	41	82.2	L152584-07	WG154239
Vinyl chloride	mg/l	0.0764	0.0728	4.75	36	56.8	L152584-07	WG154239
1,1,1,2-Tetrachloroethane	mg/l	0.0229	0.0228	0.131	16	114.	L152792-01	WG154293
1,1,1-Trichloroethane	mg/l	0.0197	0.0207	4.96	28	98.4	L152792-01	WG154293
1,1,2,2-Tetrachloroethane	mg/l	0.0219	0.0203	7.72	10	110.	L152792-01	WG154293
1,1,2-Trichloroethane	mg/l	0.0215	0.0214	0.187	16	107.	L152792-01	WG154293
1,1-Dichloroethane	mg/l	0.0220	0.0250	12.6	17	110.	L152792-01	WG154293
1,1-Dichloroethene	mg/l	0.0204	0.0222	8.40	36	102.	L152792-01	WG154293
1,1-Dichloropropene	mg/l	0.0209	0.0212	1.23	33	105.	L152792-01	WG154293
1,2,3-Trichlorobenzene	mg/l	0.0250	0.0192	26.5	17	125.	L152792-01	WG154293
1,2,3-Trichloropropane	mg/l	0.0222	0.0202	9.53	13	111.	L152792-01	WG154293
1,2,4-Trichlorobenzene	mg/l	0.0222	0.0194	13.6	25	111.	L152792-01	WG154293
1,2,4-Trimethylbenzene	mg/l	0.0205	0.0204	0.782	29	103.	L152792-01	WG154293
1,2-Dibromo-3-Chloropropane	mg/l	0.0207	0.0179	14.7	21	104.	L152792-01	WG154293
1,2-Dibromoethane	mg/l	0.0218	0.0216	0.691	19	109.	L152792-01	WG154293
1,2-Dichlorobenzene	mg/l	0.0196	0.0189	3.58	16	98.2	L152792-01	WG154293
1,2-Dichloroethane	mg/l	0.0205	0.0223	8.59	13	102.	L152792-01	WG154293
1,2-Dichloropropane	mg/l	0.0200	0.0200	0.150	14	100.	L152792-01	WG154293
1,3,5-Trimethylbenzene	mg/l	0.0206	0.0203	1.37	28	103.	L152792-01	WG154293
1,3-Dichlorobenzene	mg/l	0.0208	0.0201	3.57	25	104.	L152792-01	WG154293
1,3-Dichloropropane	mg/l	0.0208	0.0206	0.965	15	104.	L152792-01	WG154293
1,4-Dichlorobenzene	mg/l	0.0189	0.0185	1.71	18	94.3	L152792-01	WG154293
2,2-Dichloropropane	mg/l	0.0190	0.0193	1.30	31	95.2	L152792-01	WG154293
2-Butanone (MEK)	mg/l	0.0963	0.0962	0.145	10	96.3	L152792-01	WG154293
2-Chlorotoluene	mg/l	0.0206	0.0197	4.47	24	103.	L152792-01	WG154293
4-Chlorotoluene	mg/l	0.0202	0.0198	1.80	22	101.	L152792-01	WG154293
4-Methyl-2-pentanone (MIBK)	mg/l	0.107	0.100	7.04	12	107.	L152792-01	WG154293
Acetone	mg/l	0.0904	0.0964	6.41	23	88.0	L152792-01	WG154293
Acrolein	mg/l	0.0196	0.0209	6.43	34	19.6	L152792-01	WG154293
Acrylonitrile	mg/l	0.0848	0.0879	3.67	13	84.8	L152792-01	WG154293
Benzene	mg/l	0.0194	0.0198	2.25	20	96.9	L152792-01	WG154293
Bromobenzene	mg/l	0.0224	0.0219	2.17	22	112.	L152792-01	WG154293
Bromodichloromethane	mg/l	0.0223	0.0228	2.17	13	112.	L152792-01	WG154293
Bromoform	mg/l	0.0228	0.0219	4.03	18	114.	L152792-01	WG154293
Bromomethane	mg/l	0.0088	0.0090	2.46	20	44.2	L152792-01	WG154293
Carbon tetrachloride	mg/l	0.0208	0.0213	2.24	36	104.	L152792-01	WG154293
Chlorobenzene	mg/l	0.0206	0.0203	1.62	21	103.	L152792-01	WG154293
Chlorodibromomethane	mg/l	0.0215	0.0210	2.12	17	107.	L152792-01	WG154293
Chloroethane	mg/l	0.0165	0.0179	7.85	25	82.7	L152792-01	WG154293
Chloroform	mg/l	0.0214	0.0238	10.7	26	107.	L152792-01	WG154293
Chloromethane	mg/l	0.0132	0.0125	5.91	31	66.2	L152792-01	WG154293
cis-1,2-Dichloroethene	mg/l	0.0205	0.0223	8.46	18	103.	L152792-01	WG154293
Di-isopropyl ether	mg/l	0.0197	0.0200	1.26	48	98.5	L152792-01	WG154293
Dibromomethane	mg/l	0.0201	0.0212	5.24	12	97.9	L152792-01	WG154293
Dichlorodifluoromethane	mg/l	0.0074	0.0074	0.00	28	37.5	L152792-01	WG154293

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Quality Assurance Report
Level II

L152584

May 03, 2004

Ethylbenzene	mg/l	0.0205	0.0203	0.589	25	102.	L152792-01	WG154293

Analyte	Units	Matrix Spike Duplicate MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Hexachlorobutadiene	mg/l	0.0205	0.0192	6.66	36	102.	L152792-01	WG154293
Isopropylbenzene	mg/l	0.0207	0.0202	2.05	29	103.	L152792-01	WG154293
m&p-Xylenes	mg/l	0.0405	0.0396	2.17	22	101.	L152792-01	WG154293
Methyl tert-butyl ether	mg/l	0.0147	0.0114	25.5	16	73.4	L152792-01	WG154293
Methylene Chloride	mg/l	0.0195	0.0197	1.02	16	97.6	L152792-01	WG154293
n-Butylbenzene	mg/l	0.0190	0.0187	1.54	30	94.9	L152792-01	WG154293
n-Propylbenzene	mg/l	0.0206	0.0198	3.95	30	103.	L152792-01	WG154293
Naphthalene	mg/l	0.0260	0.0208	22.2	39	130.	L152792-01	WG154293
o-Xylene	mg/l	0.0209	0.0205	1.84	20	104.	L152792-01	WG154293
p-Isopropyltoluene	mg/l	0.0207	0.0203	2.29	36	104.	L152792-01	WG154293
sec-Butylbenzene	mg/l	0.0210	0.0204	3.19	32	105.	L152792-01	WG154293
Styrene	mg/l	0.0189	0.0191	1.06	21	94.3	L152792-01	WG154293
tert-Butylbenzene	mg/l	0.0212	0.0207	2.34	30	106.	L152792-01	WG154293
Tetrachloroethene	mg/l	0.0212	0.0208	1.91	32	106.	L152792-01	WG154293
Toluene	mg/l	0.0197	0.0194	1.74	17	98.6	L152792-01	WG154293
trans-1,2-Dichloroethene	mg/l	0.0208	0.0230	10.3	27	104.	L152792-01	WG154293
Trichloroethene	mg/l	0.0214	0.0213	0.515	25	107.	L152792-01	WG154293
Trichlorofluoromethane	mg/l	0.0176	0.0184	4.27	41	88.2	L152792-01	WG154293
Vinyl chloride	mg/l	0.0156	0.0157	0.383	36	78.2	L152792-01	WG154293

Batch number /Run number / Sample number cross reference

WG153875: R194243: L152584-01 02 03 04 05 06 07
WG153980: R194420: L152584-02 03 04 05 06
WG154015: R194435: L152584-01 02 03
WG154239: R194451: L152584-07
WG154293: R194590: L152584-04 05
WG154322: R194617: L152584-06

* See Attachment B of standard report for list of qualifiers.
* Calculations are performed prior to rounding of reported values .

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Quality Assurance Report
Level II

L152584

May 03, 2004

ESC Level 2 Data Package

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of regent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	QUANTUM	Sample ID:	MW-29
Matrix :	Water	ESC Sample Number:	L152584-02
Date Collected:	4/26/2004	Lab File ID:	0428 33
Date Analyzed:	4/29/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard. from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 0

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
	no tics found			J

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	QUANTUM	Sample ID:	MW-25I
Matrix :	Water	ESC Sample Number:	L152584-03
Date Collected:	4/26/2004	Lab File ID:	0428_34
Date Analyzed:	4/29/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard. from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 1 Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
000124-26-5	octadecanamide	9.93	0.01	J

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	QUANTUM	Sample ID:	RW-3
Matrix :	Water	ESC Sample Number:	L152584-04
Date Collected:	4/26/2004	Lab File ID:	0428_35
Date Analyzed:	4/29/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard. from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 7

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
000108-88-3	toluene	3.45	0.01	J
0004100-41-4	ethylbenzene	4.14	0.02	J
000095-47-6	benzene, 1,2-dimethyl-	4.34	0.01	J
000098-82-8	benzene, (1-methylethyl)-	4.52	0.01	J
000103-65-1	benzene, propyl	4.69	0.01	J
001559-81-5	napthalene, 1,2,3,4-tetrahydro-1-methyl-	5.92	0.01	J
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl	5.99	0.01	J

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	QUANTUM	Sample ID:	RW-10
Matrix :	Water	ESC Sample Number:	L152584-05
Date Collected:	4/26/2004	Lab File ID:	0428_36
Date Analyzed:	4/29/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard. from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 3

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl	5.92	0.01	J
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	6.13	0.02	J
000301-02-0	9-octadecenamide, (Z)-	8.88	0.01	J

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	QUANTUM	Sample ID:	RW-8
Matrix :	Water	ESC Sample Number:	L152584-06
Date Collected:	4/26/2004	Lab File ID:	0428_37
Date Analyzed:	4/29/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard. from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 0

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
	no tics found			

Quantum Environmental
6001 Chapel Hill Rd., Ste. 108
Raleigh, NC 27607

Email Address: tdavis@Quantumcos.com

Report: Tom Davis

Phone: 919 852 3595

FAX: 852 1997

Collected by: HANS

Collected by (signature):

Alternate billing information:

Project name: Teor

Client Project #: 001394 012

ESC Key:

Site/Facility ID#:

P.O.#:

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ~~Yes~~

FAX? __No__Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:

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CoCode: (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	625	6210d		Pb -3030c prep					Remarks/Contaminant	Sample # (lab only)
MW-26	G	GW		4/26/04	0734	3		X		X					NO 625.	L152584-01
MW-29					0757	4	X	X		X						-02
MW-25i					0830	4	X	X		X						-03
BW-3					0925	4	X	X		X						-04
BW-10					1115	3		X		X					NO 625.	-05
BW-8					1120	4	X	X		X						-06
MW-25					1145	3		X		X						-07

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date: 4/26/04	Time: 1245	Received by: (Signature) Fed Ex	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐	Condition: (lab use only)	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.1° / Bottles Received: 26+1TB		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/27/04 / Time: 9:00	pH Checked: <2	NCF: ✓

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No.: L152584

Date: 4/27/04

Evaluated by: L Damen

Client: QUANTUM ENVIRONMENTAL

Non-Conformance (check applicable items)

	Chain of Custody is missing	(1)	Login Clarification Needed
	Improper container type		Improper preservation
	Chain of custody is incomplete		Container lid not in tact
	Parameter(s) past holding time		Improper temperature
	Broken container(s) see below		Broken container: sufficient sample volume remains for analysis requested

	Insufficient packing material around container
	Insufficient packing material inside cooler
	Improper handling by carrier (FedEx / UPS / Courier)
	Sample was frozen

Comments: (1) We did receive a container 625 on sample RW-10 — does the client want this analyzed?

Login Instructions: TSR Initials: Cb

Client informed by call / email / fax / voice mail. date: 4/27 time: 1416 4/27 LVM

Client contact: Tom Davis

Run SV625TC

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12065 Lebanon Rd.
Mt. Juliet, TN 37122
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

ESC Sample # : L152896-01

Site ID :

Project # : 001394012

Date Received : April 29, 2004
Description : Teer

Sample ID : MW-18

Collected By : Davis
Collection Date : 04/28/00 08:47

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/30/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/29/04	1
Acrolein	BDL	50.	ug/l	6210D	04/29/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/29/04	1
Benzene	BDL	1.0	ug/l	6210D	04/29/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/29/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/29/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/29/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
Chloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/29/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/29/04	1
2-Chlorotoluene	BDL	1.0	ug/l	6210D	04/29/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/29/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/29/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/29/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

ESC Sample # : L152896-01

Site ID :

Project # : 001394012

Date Received : April 29, 2004
Description : Teer

Sample ID : MW-18

Collected By : Davis
Collection Date : 04/28/00 08:47

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/29/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/29/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/29/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/29/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/29/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/29/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/29/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Styrene	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
Toluene	BDL	5.0	ug/l	6210D	04/29/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
Trichloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Vinyl chloride	BDL	1.0	ug/l	6210D	04/29/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/29/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/29/04	1
Surrogate Recovery						
Toluene-d8	100		% Rec.	6210D	04/29/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/29/04	1
4-Bromofluorobenzene	99.		% Rec.	6210D	04/29/04	1

Cheli Boucher
Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
The reported analytical results relate only to the sample submitted.
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Reported: 05/03/04 17:12 Printed: 05/03/04 17:13

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 29, 2004
Description : Teer

Sample ID : MW-29I

Collected By : Davis
Collection Date : 04/28/00 10:50

ESC Sample # : L152896-02

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Lead	BDL	5.0	ug/l	6010B	04/30/04	1
Volatile Organics						
Acetone	BDL	25.	ug/l	6210D	04/29/04	1
Acrolein	BDL	50.	ug/l	6210D	04/29/04	1
Acrylonitrile	BDL	10.	ug/l	6210D	04/29/04	1
Benzene	BDL	1.0	ug/l	6210D	04/29/04	1
Bromobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Bromodichloromethane	BDL	1.0	ug/l	6210D	04/29/04	1
Bromoform	BDL	1.0	ug/l	6210D	04/29/04	1
Bromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
n-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
sec-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
tert-Butylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Carbon tetrachloride	BDL	1.0	ug/l	6210D	04/29/04	1
Chlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Chlorodibromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
Chloroethane	20.	1.0	ug/l	6210D	04/29/04	1
Chloroform	BDL	5.0	ug/l	6210D	04/29/04	1
Chloromethane	BDL	1.0	ug/l	6210D	04/29/04	1
2-Chlorotoluene	15.	1.0	ug/l	6210D	04/29/04	1
4-Chlorotoluene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dibromo-3-Chloropropane	BDL	2.0	ug/l	6210D	04/29/04	1
1,2-Dibromoethane	BDL	1.0	ug/l	6210D	04/29/04	1
Dibromomethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Dichlorodifluoromethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloroethane	69.	1.0	ug/l	6210D	04/29/04	1
1,2-Dichloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloroethene	10.	1.0	ug/l	6210D	04/29/04	1
cis-1,2-Dichloroethene	7.6	1.0	ug/l	6210D	04/29/04	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1-Dichloropropene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
2,2-Dichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
Di-isopropyl ether	BDL	1.0	ug/l	6210D	04/29/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

ESC Sample # : L152896-02

Site ID :

Project # : 001394012

Date Received : April 29, 2004
Description : Teer

Sample ID : MW-29I

Collected By : Davis
Collection Date : 04/28/00 10:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Hexachlorobutadiene	BDL	1.0	ug/l	6210D	04/29/04	1
Isopropylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
p-Isopropyltoluene	BDL	1.0	ug/l	6210D	04/29/04	1
2-Butanone (MEK)	BDL	10.	ug/l	6210D	04/29/04	1
Methylene Chloride	BDL	5.0	ug/l	6210D	04/29/04	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6210D	04/29/04	1
Methyl tert-butyl ether	BDL	1.0	ug/l	6210D	04/29/04	1
Naphthalene	BDL	5.0	ug/l	6210D	04/29/04	1
n-Propylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Styrene	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
Tetrachloroethene	BDL	1.0	ug/l	6210D	04/29/04	1
Toluene	BDL	5.0	ug/l	6210D	04/29/04	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,1,1-Trichloroethane	37.	1.0	ug/l	6210D	04/29/04	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6210D	04/29/04	1
Trichloroethene	5.6	1.0	ug/l	6210D	04/29/04	1
Trichlorofluoromethane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6210D	04/29/04	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6210D	04/29/04	1
Vinyl chloride	34.	1.0	ug/l	6210D	04/29/04	1
o-Xylene	BDL	1.0	ug/l	6210D	04/29/04	1
m&p-Xylenes	BDL	2.0	ug/l	6210D	04/29/04	1
Surrogate Recovery						
Toluene-d8	99.		% Rec.	6210D	04/29/04	1
Dibromofluoromethane	100		% Rec.	6210D	04/29/04	1
4-Bromofluorobenzene	99.		% Rec.	6210D	04/29/04	1
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	10.	ug/l	625	04/30/04	1
Acenaphthylene	BDL	10.	ug/l	625	04/30/04	1
Anthracene	BDL	10.	ug/l	625	04/30/04	1
Benzidine	BDL	50.	ug/l	625	04/30/04	1
Benzo(a)anthracene	BDL	10.	ug/l	625	04/30/04	1
Benzo(b)fluoranthene	BDL	10.	ug/l	625	04/30/04	1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

Date Received : April 29, 2004
Description : Teer

Sample ID : MW-29I

Collected By : Davis
Collection Date : 04/28/00 10:50

ESC Sample # : L152896-02

Site ID :

Project # : 001394012

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzo(k)fluoranthene	BDL	10.	ug/l	625	04/30/04	1
Benzo(g,h,i)perylene	BDL	10.	ug/l	625	04/30/04	1
Benzo(a)pyrene	BDL	10.	ug/l	625	04/30/04	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	625	04/30/04	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	625	04/30/04	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	625	04/30/04	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	625	04/30/04	1
2-Chloronaphthalene	BDL	10.	ug/l	625	04/30/04	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	625	04/30/04	1
Chrysene	BDL	10.	ug/l	625	04/30/04	1
Dibenz(a,h)anthracene	BDL	10.	ug/l	625	04/30/04	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	625	04/30/04	1
2,4-Dinitrotoluene	BDL	10.	ug/l	625	04/30/04	1
2,6-Dinitrotoluene	BDL	10.	ug/l	625	04/30/04	1
Fluoranthene	BDL	10.	ug/l	625	04/30/04	1
Fluorene	BDL	10.	ug/l	625	04/30/04	1
Hexachlorobenzene	BDL	10.	ug/l	625	04/30/04	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	625	04/30/04	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	625	04/30/04	1
Hexachloroethane	BDL	10.	ug/l	625	04/30/04	1
Indeno(1,2,3-cd)pyrene	BDL	10.	ug/l	625	04/30/04	1
Isophorone	BDL	10.	ug/l	625	04/30/04	1
1-Methylnaphthalene	BDL	10.	ug/l	625	04/30/04	1
2-Methylnaphthalene	BDL	10.	ug/l	625	04/30/04	1
Naphthalene	BDL	10.	ug/l	625	04/30/04	1
Nitrobenzene	BDL	10.	ug/l	625	04/30/04	1
n-Nitrosodimethylamine	BDL	10.	ug/l	625	04/30/04	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	625	04/30/04	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	625	04/30/04	1
Phenanthrene	BDL	10.	ug/l	625	04/30/04	1
Benzylbutyl phthalate	BDL	10.	ug/l	625	04/30/04	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	625	04/30/04	1
Di-n-butyl phthalate	BDL	10.	ug/l	625	04/30/04	1
Diethyl phthalate	BDL	10.	ug/l	625	04/30/04	1
Dimethyl phthalate	BDL	10.	ug/l	625	04/30/04	1
Di-n-octyl phthalate	BDL	10.	ug/l	625	04/30/04	1
Pyrene	BDL	10.	ug/l	625	04/30/04	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	625	04/30/04	1

Acid Extractables

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
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KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Tom Davis
Quantum Environmental Inc.
6001 Chapel Hill Road, Suite 108
Raleigh, NC 27607

May 03,2004

ESC Sample # : L152896-02

Site ID :

Project # : 001394012

Date Received : April 29, 2004
Description : Teer

Sample ID : MW-29I

Collected By : Davis
Collection Date : 04/28/00 10:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Chloro-3-methylphenol	BDL	10.	ug/l	625	04/30/04	1
2-Chlorophenol	BDL	10.	ug/l	625	04/30/04	1
2,4-Dichlorophenol	BDL	10.	ug/l	625	04/30/04	1
2,4-Dimethylphenol	BDL	10.	ug/l	625	04/30/04	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	625	04/30/04	1
2,4-Dinitrophenol	BDL	10.	ug/l	625	04/30/04	1
2-Nitrophenol	BDL	10.	ug/l	625	04/30/04	1
4-Nitrophenol	BDL	10.	ug/l	625	04/30/04	1
Pentachlorophenol	BDL	10.	ug/l	625	04/30/04	1
Phenol	BDL	10.	ug/l	625	04/30/04	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	625	04/30/04	1
Surrogate Recovery						
Nitrobenzene-d5	40.		% Rec.	625	04/30/04	1
2-Fluorobiphenyl	44.		% Rec.	625	04/30/04	1
p-Terphenyl-d14	79.		% Rec.	625	04/30/04	1
Phenol-d5	16.		% Rec.	625	04/30/04	1
2-Fluorophenol	21.		% Rec.	625	04/30/04	1
2,4,6-Tribromophenol	75.		% Rec.	625	04/30/04	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/03/04 17:12 Printed: 05/03/04 17:13

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L152896-01	Chloromethane	J4
	Dichlorodifluoromethane	J4
	Vinyl chloride	J4
L152896-02	Chloromethane	J4
	Dichlorodifluoromethane	J4
	1,1-Dichloroethane	E
	Vinyl chloride	J4
	Nitrobenzene-d5	J2
	2-Fluorobiphenyl	J2
	2-Fluorophenol	J2

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

Control Limits

2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126	83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114	82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129	72-126

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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Mr. Tom Davis
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Quality Assurance Report
Level II

L152896

May 03, 2004

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Lead	< .005	mg/l	04/30/04 01:08	WG154248
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/29/04 13:04	WG154253
1,1,1-Trichloroethane	< .001	mg/l	04/29/04 13:04	WG154253
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/29/04 13:04	WG154253
1,1,2-Trichloroethane	< .001	mg/l	04/29/04 13:04	WG154253
1,1-Dichloroethane	< .001	mg/l	04/29/04 13:04	WG154253
1,1-Dichloroethene	< .001	mg/l	04/29/04 13:04	WG154253
1,1-Dichloropropene	< .001	mg/l	04/29/04 13:04	WG154253
1,2,3-Trichlorobenzene	< .001	mg/l	04/29/04 13:04	WG154253
1,2,3-Trichloropropane	< .001	mg/l	04/29/04 13:04	WG154253
1,2,4-Trichlorobenzene	< .001	mg/l	04/29/04 13:04	WG154253
1,2,4-Trimethylbenzene	< .001	mg/l	04/29/04 13:04	WG154253
1,2-Dibromo-3-Chloropropane	< .002	mg/l	04/29/04 13:04	WG154253
1,2-Dibromoethane	< .001	mg/l	04/29/04 13:04	WG154253
1,2-Dichlorobenzene	< .001	mg/l	04/29/04 13:04	WG154253
1,2-Dichloroethane	< .001	mg/l	04/29/04 13:04	WG154253
1,2-Dichloropropane	< .001	mg/l	04/29/04 13:04	WG154253
1,3,5-Trimethylbenzene	< .001	mg/l	04/29/04 13:04	WG154253
1,3-Dichlorobenzene	< .001	mg/l	04/29/04 13:04	WG154253
1,3-Dichloropropane	< .001	mg/l	04/29/04 13:04	WG154253
1,4-Dichlorobenzene	< .001	mg/l	04/29/04 13:04	WG154253
2,2-Dichloropropane	< .001	mg/l	04/29/04 13:04	WG154253
2-Butanone (MEK)	< .01	mg/l	04/29/04 13:04	WG154253
2-Chlorotoluene	< .001	mg/l	04/29/04 13:04	WG154253
4-Chlorotoluene	< .001	mg/l	04/29/04 13:04	WG154253
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/29/04 13:04	WG154253
Acetone	< .025	mg/l	04/29/04 13:04	WG154253
Acrolein	< .05	mg/l	04/29/04 13:04	WG154253
Acrylonitrile	< .01	mg/l	04/29/04 13:04	WG154253
Benzene	< .001	mg/l	04/29/04 13:04	WG154253
Bromobenzene	< .001	mg/l	04/29/04 13:04	WG154253
Bromodichloromethane	< .001	mg/l	04/29/04 13:04	WG154253
Bromoform	< .001	mg/l	04/29/04 13:04	WG154253
Bromomethane	< .001	mg/l	04/29/04 13:04	WG154253
Carbon tetrachloride	< .001	mg/l	04/29/04 13:04	WG154253
Chlorobenzene	< .001	mg/l	04/29/04 13:04	WG154253
Chlorodibromomethane	< .001	mg/l	04/29/04 13:04	WG154253
Chloroethane	< .001	mg/l	04/29/04 13:04	WG154253
Chloroform	< .005	mg/l	04/29/04 13:04	WG154253
Chloromethane	< .001	mg/l	04/29/04 13:04	WG154253
cis-1,2-Dichloroethene	< .001	mg/l	04/29/04 13:04	WG154253
Di-isopropyl ether	< .001	mg/l	04/29/04 13:04	WG154253
Dibromomethane	< .001	mg/l	04/29/04 13:04	WG154253
Dichlorodifluoromethane	< .001	mg/l	04/29/04 13:04	WG154253
Ethylbenzene	< .001	mg/l	04/29/04 13:04	WG154253
Hexachlorobutadiene	< .001	mg/l	04/29/04 13:04	WG154253
Isopropylbenzene	< .001	mg/l	04/29/04 13:04	WG154253
m&p-Xylenes	< .002	mg/l	04/29/04 13:04	WG154253
Methyl tert-butyl ether	< .001	mg/l	04/29/04 13:04	WG154253
Methylene Chloride	< .005	mg/l	04/29/04 13:04	WG154253
n-Butylbenzene	< .001	mg/l	04/29/04 13:04	WG154253
n-Propylbenzene	< .001	mg/l	04/29/04 13:04	WG154253
Naphthalene	< .005	mg/l	04/29/04 13:04	WG154253
o-Xylene	< .001	mg/l	04/29/04 13:04	WG154253
p-Isopropyltoluene	< .001	mg/l	04/29/04 13:04	WG154253
sec-Butylbenzene	< .001	mg/l	04/29/04 13:04	WG154253
Styrene	< .001	mg/l	04/29/04 13:04	WG154253
tert-Butylbenzene	< .001	mg/l	04/29/04 13:04	WG154253
Tetrachloroethene	< .001	mg/l	04/29/04 13:04	WG154253

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Level II

L152896

May 03, 2004

Toluene	< .005	mg/l	04/29/04 13:04	WG154253

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
trans-1,2-Dichloroethene	< .001	mg/l	04/29/04 13:04	WG154253
Trichloroethene	< .001	mg/l	04/29/04 13:04	WG154253
Trichlorofluoromethane	< .001	mg/l	04/29/04 13:04	WG154253
Vinyl chloride	< .001	mg/l	04/29/04 13:04	WG154253
1,2,4-Trichlorobenzene	< .01	ppm	04/30/04 15:17	WG154311
1-Methylnaphthalene	< .01	ppm	04/30/04 15:17	WG154311
2,4,6-Trichlorophenol	< .01	ppm	04/30/04 15:17	WG154311
2,4-Dichlorophenol	< .01	ppm	04/30/04 15:17	WG154311
2,4-Dimethylphenol	< .01	ppm	04/30/04 15:17	WG154311
2,4-Dinitrophenol	< .01	ppm	04/30/04 15:17	WG154311
2,4-Dinitrotoluene	< .01	ppm	04/30/04 15:17	WG154311
2,6-Dinitrotoluene	< .01	ppm	04/30/04 15:17	WG154311
2-Chloronaphthalene	< .01	ppm	04/30/04 15:17	WG154311
2-Chlorophenol	< .01	ppm	04/30/04 15:17	WG154311
2-Methylnaphthalene	< .01	ppm	04/30/04 15:17	WG154311
2-Nitrophenol	< .01	ppm	04/30/04 15:17	WG154311
3,3-Dichlorobenzidine	< .01	ppm	04/30/04 15:17	WG154311
4,6-Dinitro-2-methylphenol	< .01	ppm	04/30/04 15:17	WG154311
4-Bromophenyl-phenylether	< .01	ppm	04/30/04 15:17	WG154311
4-Chloro-3-methylphenol	< .01	ppm	04/30/04 15:17	WG154311
4-Chlorophenyl-phenylether	< .01	ppm	04/30/04 15:17	WG154311
4-Nitrophenol	< .01	ppm	04/30/04 15:17	WG154311
Acenaphthene	< .01	ppm	04/30/04 15:17	WG154311
Acenaphthylene	< .01	ppm	04/30/04 15:17	WG154311
Anthracene	< .01	ppm	04/30/04 15:17	WG154311
Benzidine	< .01	ppm	04/30/04 15:17	WG154311
Benzo(a)anthracene	< .01	ppm	04/30/04 15:17	WG154311
Benzo(a)pyrene	< .01	ppm	04/30/04 15:17	WG154311
Benzo(b)fluoranthene	< .01	ppm	04/30/04 15:17	WG154311
Benzo(g,h,i)perylene	< .01	ppm	04/30/04 15:17	WG154311
Benzo(k)fluoranthene	< .01	ppm	04/30/04 15:17	WG154311
Benzylbutyl phthalate	< .01	ppm	04/30/04 15:17	WG154311
Bis(2-chlorethoxy)methane	< .01	ppm	04/30/04 15:17	WG154311
Bis(2-chloroethyl)ether	< .01	ppm	04/30/04 15:17	WG154311
Bis(2-chloroisopropyl)ether	< .01	ppm	04/30/04 15:17	WG154311
Bis(2-ethylhexyl)phthalate	< .01	ppm	04/30/04 15:17	WG154311
Chrysene	< .01	ppm	04/30/04 15:17	WG154311
Di-n-butyl phthalate	< .01	ppm	04/30/04 15:17	WG154311
Di-n-octyl phthalate	< .01	ppm	04/30/04 15:17	WG154311
Dibenz(a,h)anthracene	< .01	ppm	04/30/04 15:17	WG154311
Diethyl phthalate	< .01	ppm	04/30/04 15:17	WG154311
Dimethyl phthalate	< .01	ppm	04/30/04 15:17	WG154311
Fluoranthene	< .01	ppm	04/30/04 15:17	WG154311
Fluorene	< .01	ppm	04/30/04 15:17	WG154311
Hexachloro-1,3-butadiene	< .01	ppm	04/30/04 15:17	WG154311
Hexachlorobenzene	< .01	ppm	04/30/04 15:17	WG154311
Hexachlorocyclopentadiene	< .01	ppm	04/30/04 15:17	WG154311
Hexachloroethane	< .01	ppm	04/30/04 15:17	WG154311
Indeno(1,2,3-cd)pyrene	< .01	ppm	04/30/04 15:17	WG154311
Isophorone	< .01	ppm	04/30/04 15:17	WG154311
N-Nitrosodi-n-propylamine	< .01	ppm	04/30/04 15:17	WG154311
n-Nitrosodimethylamine	< .01	ppm	04/30/04 15:17	WG154311
n-Nitrosodiphenylamine	< .01	ppm	04/30/04 15:17	WG154311
Naphthalene	< .01	ppm	04/30/04 15:17	WG154311
Nitrobenzene	< .01	ppm	04/30/04 15:17	WG154311
Pentachlorophenol	< .01	ppm	04/30/04 15:17	WG154311
Phenanthrene	< .01	ppm	04/30/04 15:17	WG154311
Phenol	< .01	ppm	04/30/04 15:17	WG154311

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Quality Assurance Report
Level II

L152896

May 03, 2004

Pyrene	< .01	ppm	04/30/04 15:17	WG154311

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Lead	mg/l	1	0.960	96.0	85-115	WG154248
,1,1,2-Tetrachloroethane	mg/l	.02	0.0202	101.	84-128	WG154253
,1,1-Trichloroethane	mg/l	.02	0.0187	93.3	71-122	WG154253
1,1,2,2-Tetrachloroethane	mg/l	.02	0.0202	101.	78-120	WG154253
1,1,2-Trichloroethane	mg/l	.02	0.0202	101.	82-117	WG154253
,1-Dichloroethane	mg/l	.02	0.0186	92.9	59-135	WG154253
,1-Dichloroethene	mg/l	.02	0.0196	98.0	60-166	WG154253
,1-Dichloropropene	mg/l	.02	0.0194	97.2	67-132	WG154253
1,2,3-Trichlorobenzene	mg/l	.02	0.0192	96.0	81-122	WG154253
1,2,3-Trichloropropane	mg/l	.02	0.0203	101.	78-122	WG154253
,2,4-Trichlorobenzene	mg/l	.05	0.0190	38.0	78-132	WG154253
,2,4-Trimethylbenzene	mg/l	.02	0.0184	92.1	82-117	WG154253
1,2-Dibromo-3-Chloropropane	mg/l	.02	0.0201	100.	58-140	WG154253
1,2-Dibromoethane	mg/l	.02	0.0199	99.3	79-121	WG154253
1,2-Dichlorobenzene	mg/l	.05	0.0188	37.6	83-113	WG154253
,2-Dichloroethane	mg/l	.02	0.0209	105.	81-122	WG154253
,2-Dichloropropane	mg/l	.02	0.0211	105.	74-125	WG154253
1,3,5-Trimethylbenzene	mg/l	.02	0.0181	90.5	80-118	WG154253
1,3-Dichlorobenzene	mg/l	.05	0.0178	35.7	80-124	WG154253
,3-Dichloropropane	mg/l	.02	0.0203	101.	86-120	WG154253
,4-Dichlorobenzene	mg/l	.05	0.0177	35.4	84-115	WG154253
,2-Dichloropropane	mg/l	.02	0.0190	95.2	71-131	WG154253
2-Butanone (MEK)	mg/l	.1	0.101	101.	25-137	WG154253
2-Chlorotoluene	mg/l	.02	0.0181	90.7	79-112	WG154253
-Chlorotoluene	mg/l	.02	0.0182	90.9	82-116	WG154253
-Methyl-2-pentanone (MIBK)	mg/l	.1	0.102	102.	57-145	WG154253
cetone	mg/l	.1	0.0962	96.2	14-115	WG154253
Acrolein	mg/l	.1	0.0403	40.3	16-83	WG154253
Acrylonitrile	mg/l	.1	0.0889	88.9	32-142	WG154253
enzene	mg/l	.02	0.0179	89.3	66-127	WG154253
romobenzene	mg/l	.02	0.0195	97.3	79-127	WG154253
romodichloromethane	mg/l	.02	0.0212	106.	76-117	WG154253
Bromoform	mg/l	.02	0.0192	95.8	72-125	WG154253
Bromomethane	mg/l	.02	0.0105	52.7	25-170	WG154253
arbon tetrachloride	mg/l	.02	0.0191	95.7	65-127	WG154253
hlorobenzene	mg/l	.02	0.0183	91.6	79-117	WG154253
hlorodibromomethane	mg/l	.02	0.0188	93.9	76-115	WG154253
Chloroethane	mg/l	.02	0.0188	94.0	37-130	WG154253
Chloroform	mg/l	.02	0.0187	93.7	70-119	WG154253
hloromethane	mg/l	.02	0.0231	115.	39-109	WG154253
is-1,2-Dichloroethene	mg/l	.02	0.0192	96.1	72-128	WG154253
Di-isopropyl ether	mg/l	.02	0.0194	97.2	54-147	WG154253
Dibromomethane	mg/l	.02	0.0197	98.7	81-117	WG154253
ichlorodifluoromethane	mg/l	.02	0.0282	141.	14-133	WG154253
thylbenzene	mg/l	.02	0.0180	89.8	75-117	WG154253
exachlorobutadiene	mg/l	.02	0.0185	92.6	68-122	WG154253
Isopropylbenzene	mg/l	.02	0.0181	90.7	67-113	WG154253
m&p-Xylenes	mg/l	.04	0.0360	90.1	76-126	WG154253
ethyl tert-butyl ether	mg/l	.02	0.0210	105.	57-149	WG154253
ethylene Chloride	mg/l	.02	0.0187	93.5	60-127	WG154253
-Butylbenzene	mg/l	.02	0.0182	90.9	74-125	WG154253
n-Propylbenzene	mg/l	.02	0.0179	89.3	74-120	WG154253
Naphthalene	mg/l	.05	0.0185	37.0	51-127	WG154253
-Xylene	mg/l	.02	0.0179	89.4	73-123	WG154253
-Isopropyltoluene	mg/l	.02	0.0183	91.7	74-122	WG154253
sec-Butylbenzene	mg/l	.02	0.0180	90.2	66-118	WG154253
Styrene	mg/l	.02	0.0179	89.5	78-114	WG154253
ert-Butylbenzene	mg/l	.02	0.0180	89.8	69-121	WG154253

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L152896

May 03, 2004

Tetrachloroethene	mg/l	.02	0.0181	90.7	71-132	WG154253

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Toluene	mg/l	.02	0.0182	91.2	68-122	WG154253
trans-1,2-Dichloroethene	mg/l	.02	0.0197	98.3	65-141	WG154253
Trichloroethene	mg/l	.02	0.0194	97.2	81-129	WG154253
Trichlorofluoromethane	mg/l	.02	0.0172	86.0	46-94	WG154253
Vinyl chloride	mg/l	.02	0.0208	104.	40-95	WG154253
1,2,4-Trichlorobenzene	ppm	.05	0.0364	72.9	41-109	WG154311
1-Methylnaphthalene	ppm	.05	0.0370	74.1	51-109	WG154311
2,4,6-Trichlorophenol	ppm	.05	0.0411	82.2	45-126	WG154311
2,4-Dichlorophenol	ppm	.05	0.0399	79.8	50-115	WG154311
2,4-Dimethylphenol	ppm	.05	0.0397	79.5	49-121	WG154311
2,4-Dinitrophenol	ppm	.05	0.0404	80.8	22-127	WG154311
2,4-Dinitrotoluene	ppm	.05	0.0415	83.0	54-132	WG154311
2,6-Dinitrotoluene	ppm	.05	0.0401	80.3	52-129	WG154311
2-Chloronaphthalene	ppm	.05	0.0364	72.9	41-119	WG154311
2-Chlorophenol	ppm	.05	0.0353	70.6	45-103	WG154311
2-Methylnaphthalene	ppm	.05	0.0360	72.1	40-106	WG154311
2-Nitrophenol	ppm	.05	0.0322	64.5	49-114	WG154311
3,3-Dichlorobenzidine	ppm	.05	0.0561	112.	53-172	WG154311
4,6-Dinitro-2-methylphenol	ppm	.05	0.0457	91.4	39-129	WG154311
4-Bromophenyl-phenylether	ppm	.05	0.0362	72.4	46-109	WG154311
4-Chloro-3-methylphenol	ppm	.05	0.0384	76.7	49-117	WG154311
4-Chlorophenyl-phenylether	ppm	.05	0.0381	76.2	44-127	WG154311
4-Nitrophenol	ppm	.05	0.0159	31.8	16-103	WG154311
Acenaphthene	ppm	.05	0.0355	71.0	50-125	WG154311
Acenaphthylene	ppm	.05	0.0441	88.2	51-136	WG154311
Anthracene	ppm	.05	0.0461	92.2	54-126	WG154311
Benzidine	ppm	.05	0.0159	31.7	1-145	WG154311
Benzo(a)anthracene	ppm	.05	0.0434	86.8	54-123	WG154311
Benzo(a)pyrene	ppm	.05	0.0511	102.	59-127	WG154311
Benzo(b)fluoranthene	ppm	.05	0.0427	85.3	57-132	WG154311
Benzo(g,h,i)perylene	ppm	.05	0.0440	88.0	39-161	WG154311
Benzo(k)fluoranthene	ppm	.05	0.0433	86.7	54-127	WG154311
Benzylbutyl phthalate	ppm	.05	0.0534	107.	49-137	WG154311
Bis(2-chlorethoxy)methane	ppm	.05	0.0383	76.5	45-122	WG154311
Bis(2-chloroethyl)ether	ppm	.05	0.0329	65.9	41-116	WG154311
Bis(2-chloroisopropyl)ether	ppm	.05	0.0384	76.8	33-110	WG154311
Bis(2-ethylhexyl)phthalate	ppm	.05	0.0428	85.7	41-149	WG154311
Chrysene	ppm	.05	0.0418	83.6	53-125	WG154311
Di-n-butyl phthalate	ppm	.05	0.0484	96.8	49-132	WG154311
Di-n-octyl phthalate	ppm	.05	0.0403	80.6	39-148	WG154311
Dibenz(a,h)anthracene	ppm	.05	0.0451	90.2	43-170	WG154311
Diethyl phthalate	ppm	.05	0.0407	81.4	53-128	WG154311
Dimethyl phthalate	ppm	.05	0.0379	75.9	50-123	WG154311
Fluoranthene	ppm	.05	0.0470	93.9	50-126	WG154311
Fluorene	ppm	.05	0.0387	77.3	50-126	WG154311
Hexachloro-1,3-butadiene	ppm	.05	0.0403	80.6	30-133	WG154311
Hexachlorobenzene	ppm	.05	0.0454	90.8	52-119	WG154311
Hexachlorocyclopentadiene	ppm	.05	0.0369	73.7	26-144	WG154311
Hexachloroethane	ppm	.05	0.0449	89.9	32-111	WG154311
Indeno(1,2,3-cd)pyrene	ppm	.05	0.0445	89.0	42-155	WG154311
Isophorone	ppm	.05	0.0500	100.	41-115	WG154311
n-Nitrosodi-n-propylamine	ppm	.05	0.0437	87.5	45-121	WG154311
n-Nitrosodimethylamine	ppm	.05	0.0227	45.3	10-131	WG154311
n-Nitrosodiphenylamine	ppm	.05	0.0501	100.	54-130	WG154311
Naphthalene	ppm	.05	0.0355	71.0	46-112	WG154311
Nitrobenzene	ppm	.05	0.0394	78.9	39-113	WG154311
Pentachlorophenol	ppm	.05	0.0391	78.1	46-124	WG154311
Phenanthrene	ppm	.05	0.0425	85.1	54-122	WG154311

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Quality Assurance Report
Level II

L152896

May 03, 2004

Phenol	ppm	.05	0.0147	29.4	53.1-150	WG154311

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Pyrene	ppm	.05	0.0450	90.0	50-127	WG154311

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Lead	mg/l	0.960	0.960	0.00	20	R194536-3	WG154248
1,1,1,2-Tetrachloroethane	mg/l	0.0209	0.0202	3.17	16	R194584-3	WG154253
1,1,1-Trichloroethane	mg/l	0.0188	0.0187	0.694	28	R194584-3	WG154253
1,1,2,2-Tetrachloroethane	mg/l	0.0202	0.0202	0.0990	10	R194584-3	WG154253
1,1,2-Trichloroethane	mg/l	0.0206	0.0202	2.01	16	R194584-3	WG154253
1,1-Dichloroethane	mg/l	0.0190	0.0186	2.24	17	R194584-3	WG154253
1,1-Dichloroethene	mg/l	0.0196	0.0196	0.204	36	R194584-3	WG154253
1,1-Dichloropropene	mg/l	0.0195	0.0194	0.565	33	R194584-3	WG154253
1,2,3-Trichlorobenzene	mg/l	0.0199	0.0192	3.58	17	R194584-3	WG154253
1,2,3-Trichloropropane	mg/l	0.0201	0.0203	0.743	13	R194584-3	WG154253
1,2,4-Trichlorobenzene	mg/l	0.0197	0.0190	3.36	25	R194584-3	WG154253
1,2,4-Trimethylbenzene	mg/l	0.0183	0.0184	0.599	29	R194584-3	WG154253
1,2-Dibromo-3-Chloropropane	mg/l	0.0191	0.0201	4.80	21	R194584-3	WG154253
1,2-Dibromoethane	mg/l	0.0202	0.0199	1.90	19	R194584-3	WG154253
1,2-Dichlorobenzene	mg/l	0.0187	0.0188	0.747	16	R194584-3	WG154253
1,2-Dichloroethane	mg/l	0.0215	0.0209	2.83	13	R194584-3	WG154253
1,2-Dichloropropane	mg/l	0.0214	0.0211	1.46	14	R194584-3	WG154253
1,3,5-Trimethylbenzene	mg/l	0.0179	0.0181	0.833	28	R194584-3	WG154253
1,3-Dichlorobenzene	mg/l	0.0181	0.0178	1.23	25	R194584-3	WG154253
1,3-Dichloropropane	mg/l	0.0203	0.0203	0.296	15	R194584-3	WG154253
1,4-Dichlorobenzene	mg/l	0.0187	0.0177	5.28	18	R194584-3	WG154253
2,2-Dichloropropane	mg/l	0.0193	0.0190	1.46	31	R194584-3	WG154253
2-Butanone (MEK)	mg/l	0.0994	0.101	1.81	10	R194584-3	WG154253
2-Chlorotoluene	mg/l	0.0181	0.0181	0.442	24	R194584-3	WG154253
4-Chlorotoluene	mg/l	0.0184	0.0182	1.15	22	R194584-3	WG154253
4-Methyl-2-pentanone (MIBK)	mg/l	0.104	0.102	1.65	12	R194584-3	WG154253
Acetone	mg/l	0.0939	0.0962	2.46	20	R194584-3	WG154253
Acrolein	mg/l	0.0449	0.0403	10.8	34	R194584-3	WG154253
Acrylonitrile	mg/l	0.0886	0.0889	0.349	13	R194584-3	WG154253
Benzene	mg/l	0.0185	0.0179	3.52	20	R194584-3	WG154253
Bromobenzene	mg/l	0.0197	0.0195	1.02	22	R194584-3	WG154253
Bromodichloromethane	mg/l	0.0217	0.0212	2.56	13	R194584-3	WG154253
Bromoform	mg/l	0.0198	0.0192	3.14	18	R194584-3	WG154253
Bromomethane	mg/l	0.0118	0.0105	11.1	20	R194584-3	WG154253
Carbon tetrachloride	mg/l	0.0194	0.0191	1.20	36	R194584-3	WG154253
Chlorobenzene	mg/l	0.0185	0.0183	1.19	21	R194584-3	WG154253
Chlorodibromomethane	mg/l	0.0195	0.0188	3.71	17	R194584-3	WG154253
Chloroethane	mg/l	0.0187	0.0188	0.587	25	R194584-3	WG154253
Chloroform	mg/l	0.0193	0.0187	2.79	26	R194584-3	WG154253
Chloromethane	mg/l	0.0231	0.0231	0.0433	31	R194584-3	WG154253
cis-1,2-Dichloroethene	mg/l	0.0198	0.0192	3.13	18	R194584-3	WG154253
Di-isopropyl ether	mg/l	0.0202	0.0194	4.03	48	R194584-3	WG154253
Dibromomethane	mg/l	0.0208	0.0197	5.33	12	R194584-3	WG154253
Dichlorodifluoromethane	mg/l	0.0281	0.0282	0.285	28	R194584-3	WG154253
Ethylbenzene	mg/l	0.0180	0.0180	0.500	25	R194584-3	WG154253
Hexachlorobutadiene	mg/l	0.0186	0.0185	0.646	36	R194584-3	WG154253
Isopropylbenzene	mg/l	0.0179	0.0181	1.17	29	R194584-3	WG154253
m&p-Xylenes	mg/l	0.0357	0.0360	0.780	22	R194584-3	WG154253
Methyl tert-butyl ether	mg/l	0.0217	0.0210	3.00	34	R194584-3	WG154253
Methylene Chloride	mg/l	0.0196	0.0187	4.60	16	R194584-3	WG154253
n-Butylbenzene	mg/l	0.0179	0.0182	1.66	30	R194584-3	WG154253
n-Propylbenzene	mg/l	0.0177	0.0179	0.844	30	R194584-3	WG154253
Naphthalene	mg/l	0.0192	0.0185	3.45	39	R194584-3	WG154253

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Level II

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May 03, 2004

o-Xylene	mg/l	0.0183	0.0179	2.38	20	R194584-3	WG154253

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
p-Isopropyltoluene	mg/l	0.0179	0.0183	2.49	36	R194584-3	WG154253
sec-Butylbenzene	mg/l	0.0178	0.0180	1.51	32	R194584-3	WG154253
Styrene	mg/l	0.0185	0.0179	3.30	21	R194584-3	WG154253
tert-Butylbenzene	mg/l	0.0178	0.0180	0.783	30	R194584-3	WG154253
Tetrachloroethene	mg/l	0.0180	0.0181	0.998	32	R194584-3	WG154253
Toluene	mg/l	0.0182	0.0182	0.165	17	R194584-3	WG154253
trans-1,2-Dichloroethene	mg/l	0.0199	0.0197	1.31	27	R194584-3	WG154253
Trichloroethene	mg/l	0.0196	0.0194	0.871	25	R194584-3	WG154253
Trichlorofluoromethane	mg/l	0.0184	0.0172	6.58	41	R194584-3	WG154253
Vinyl chloride	mg/l	0.0206	0.0208	1.06	36	R194584-3	WG154253
1,2,4-Trichlorobenzene	ppm	0.0387	0.0364	6.04	25	R194723-3	WG154311
2-Methylnaphthalene	ppm	0.0390	0.0370	5.21	21	R194723-3	WG154311
2,4,6-Trichlorophenol	ppm	0.0453	0.0411	9.66	20	R194723-3	WG154311
2,4-Dichlorophenol	ppm	0.0424	0.0399	6.15	21	R194723-3	WG154311
2,4-Dimethylphenol	ppm	0.0413	0.0397	3.95	24	R194723-3	WG154311
2,4-Dinitrophenol	ppm	0.0431	0.0404	6.35	29	R194723-3	WG154311
2,4-Dinitrotoluene	ppm	0.0446	0.0415	7.29	23	R194723-3	WG154311
2,6-Dinitrotoluene	ppm	0.0420	0.0401	4.58	22	R194723-3	WG154311
2-Chloronaphthalene	ppm	0.0399	0.0364	9.11	23	R194723-3	WG154311
2-Chlorophenol	ppm	0.0377	0.0353	6.60	25	R194723-3	WG154311
2-Methylnaphthalene	ppm	0.0379	0.0360	5.06	20	R194723-3	WG154311
2-Nitrophenol	ppm	0.0334	0.0322	3.63	24	R194723-3	WG154311
3,3-Dichlorobenzidine	ppm	0.0607	0.0561	7.78	25	R194723-3	WG154311
4,6-Dinitro-2-methylphenol	ppm	0.0483	0.0457	5.49	30	R194723-3	WG154311
4-Bromophenyl-phenylether	ppm	0.0395	0.0362	8.61	22	R194723-3	WG154311
4-Chloro-3-methylphenol	ppm	0.0407	0.0384	5.94	23	R194723-3	WG154311
4-Chlorophenyl-phenylether	ppm	0.0407	0.0381	6.63	24	R194723-3	WG154311
4-Nitrophenol	ppm	0.0174	0.0159	8.78	29	R194723-3	WG154311
Acenaphthene	ppm	0.0393	0.0355	10.2	21	R194723-3	WG154311
Acenaphthylene	ppm	0.0477	0.0441	7.93	21	R194723-3	WG154311
Anthracene	ppm	0.0483	0.0461	4.70	20	R194723-3	WG154311
Benzidine	ppm	0.0179	0.0159	11.8	64	R194723-3	WG154311
Benzo(a)anthracene	ppm	0.0445	0.0434	2.55	20	R194723-3	WG154311
Benzo(a)pyrene	ppm	0.0545	0.0511	6.42	22	R194723-3	WG154311
Benzo(b)fluoranthene	ppm	0.0470	0.0427	9.55	24	R194723-3	WG154311
Benzo(g,h,i)perylene	ppm	0.0466	0.0440	5.80	33	R194723-3	WG154311
Benzo(k)fluoranthene	ppm	0.0428	0.0433	1.18	23	R194723-3	WG154311
Benzylbutyl phthalate	ppm	0.0565	0.0534	5.79	24	R194723-3	WG154311
Bis(2-chlorethoxy)methane	ppm	0.0399	0.0383	4.30	24	R194723-3	WG154311
Bis(2-chloroethyl)ether	ppm	0.0354	0.0329	7.09	26	R194723-3	WG154311
Bis(2-chloroisopropyl)ether	ppm	0.0408	0.0384	6.04	27	R194723-3	WG154311
Bis(2-ethylhexyl)phthalate	ppm	0.0441	0.0428	2.99	24	R194723-3	WG154311
Chrysene	ppm	0.0463	0.0418	10.3	21	R194723-3	WG154311
Di-n-butyl phthalate	ppm	0.0509	0.0484	4.95	23	R194723-3	WG154311
Di-n-octyl phthalate	ppm	0.0425	0.0403	5.36	30	R194723-3	WG154311
Dibenz(a,h)anthracene	ppm	0.0475	0.0451	5.21	28	R194723-3	WG154311
Diethyl phthalate	ppm	0.0432	0.0407	5.96	22	R194723-3	WG154311
Dimethyl phthalate	ppm	0.0404	0.0379	6.18	23	R194723-3	WG154311
Fluoranthene	ppm	0.0495	0.0470	5.33	21	R194723-3	WG154311
Fluorene	ppm	0.0418	0.0387	7.71	22	R194723-3	WG154311
Hexachloro-1,3-butadiene	ppm	0.0429	0.0403	6.18	26	R194723-3	WG154311
Hexachlorobenzene	ppm	0.0480	0.0454	5.69	23	R194723-3	WG154311
Hexachlorocyclopentadiene	ppm	0.0410	0.0369	10.7	29	R194723-3	WG154311
Hexachloroethane	ppm	0.0474	0.0449	5.29	26	R194723-3	WG154311
Indeno(1,2,3-cd)pyrene	ppm	0.0466	0.0445	4.61	29	R194723-3	WG154311
Isophorone	ppm	0.0529	0.0500	5.66	26	R194723-3	WG154311
n-Nitrosodi-n-propylamine	ppm	0.0460	0.0437	4.99	26	R194723-3	WG154311
n-Nitrosodimethylamine	ppm	0.0236	0.0227	4.15	26	R194723-3	WG154311

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n-Nitrosodiphenylamine	ppm	0.0529	0.0501	5.40	29	R194723-3	WG154311

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	Ref Samp	Batch
Naphthalene	ppm	0.0382	0.0355	7.30	39	R194723-3	WG154311
Nitrobenzene	ppm	0.0421	0.0394	6.62	25	R194723-3	WG154311
Pentachlorophenol	ppm	0.0398	0.0391	2.00	24	R194723-3	WG154311
Phenanthrene	ppm	0.0456	0.0425	7.03	22	R194723-3	WG154311
Phenol	ppm	0.0158	0.0147	7.22	24	R194723-3	WG154311
Pyrene	ppm	0.0469	0.0450	4.03	24	R194723-3	WG154311

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Lead	mg/l	0.907	0.00	1	90.7	75-125	L152896-01	WG154248
1,1,1,2-Tetrachloroethane	mg/l	0.0197	0.00	0.02	98.5	67-139	L152780-08	WG154253
1,1,1-Trichloroethane	mg/l	0.0183	0.00	0.02	91.6	46-143	L152780-08	WG154253
1,1,2,2-Tetrachloroethane	mg/l	0.0188	0.00	0.02	94.2	70-116	L152780-08	WG154253
1,1,2-Trichloroethane	mg/l	0.0198	0.00	0.02	99.0	70-122	L152780-08	WG154253
1,1-Dichloroethane	mg/l	0.0186	0.00	0.02	93.0	47-138	L152780-08	WG154253
1,1-Dichloroethene	mg/l	0.0183	0.00	0.02	91.5	56-162	L152780-08	WG154253
1,1-Dichloropropene	mg/l	0.0183	0.00	0.02	91.7	49-140	L152780-08	WG154253
1,2,3-Trichlorobenzene	mg/l	0.0159	0.00	0.02	79.4	63-124	L152780-08	WG154253
1,2,3-Trichloropropane	mg/l	0.0184	0.00	0.02	92.0	66-124	L152780-08	WG154253
1,2,4-Trichlorobenzene	mg/l	0.0156	0.00	0.05	31.1	52-130	L152780-08	WG154253
1,2,4-Trimethylbenzene	mg/l	0.0663	0.0482	0.02	90.3	62-126	L152780-08	WG154253
1,2-Dibromo-3-Chloropropane	mg/l	0.0180	0.00	0.02	89.8	48-122	L152780-08	WG154253
1,2-Dibromoethane	mg/l	0.0188	0.00	0.02	94.0	74-121	L152780-08	WG154253
1,2-Dichlorobenzene	mg/l	0.0173	0.00	0.05	34.6	65-119	L152780-08	WG154253
1,2-Dichloroethane	mg/l	0.0210	0.0008	0.02	100.	48-148	L152780-08	WG154253
1,2-Dichloropropane	mg/l	0.0208	0.00	0.02	104.	66-122	L152780-08	WG154253
1,3,5-Trimethylbenzene	mg/l	0.0360	0.0187	0.02	86.5	60-127	L152780-08	WG154253
1,3-Dichlorobenzene	mg/l	0.0157	0.00	0.05	31.3	62-122	L152780-08	WG154253
1,3-Dichloropropane	mg/l	0.0191	0.00	0.02	95.5	77-121	L152780-08	WG154253
1,4-Dichlorobenzene	mg/l	0.0169	0.00	0.05	33.7	60-123	L152780-08	WG154253
2,2-Dichloropropane	mg/l	0.0180	0.00	0.02	89.8	40-148	L152780-08	WG154253
2-Butanone (MEK)	mg/l	0.0928	0.0025	0.1	90.2	26-114	L152780-08	WG154253
2-Chlorotoluene	mg/l	0.0187	0.00	0.02	93.6	62-120	L152780-08	WG154253
4-Chlorotoluene	mg/l	0.0161	0.00	0.02	80.7	63-123	L152780-08	WG154253
4-Methyl-2-pentanone (MIBK)	mg/l	0.0926	0.00	0.1	92.6	56-133	L152780-08	WG154253
Acetone	mg/l	0.0906	0.0057	0.1	84.8	13-145	L152780-08	WG154253
Acrolein	mg/l	0.0756	0.00	0.1	75.6	14-90	L152780-08	WG154253
Acrylonitrile	mg/l	0.0845	0.00	0.1	84.5	33-128	L152780-08	WG154253
Benzene	mg/l	0.0465	0.0290	0.02	87.7	66-127	L152780-08	WG154253
Bromobenzene	mg/l	0.0181	0.00	0.02	90.7	67-134	L152780-08	WG154253
Bromodichloromethane	mg/l	0.0204	0.00	0.02	102.	57-126	L152780-08	WG154253
Bromoform	mg/l	0.0179	0.00	0.02	89.3	52-130	L152780-08	WG154253
Bromomethane	mg/l	0.0102	0.00	0.02	50.8	17-150	L152780-08	WG154253
Carbon tetrachloride	mg/l	0.0186	0.00	0.02	93.0	42-141	L152780-08	WG154253
Chlorobenzene	mg/l	0.0171	0.00	0.02	85.7	66-125	L152780-08	WG154253
Chlorodibromomethane	mg/l	0.0182	0.00	0.02	91.0	58-123	L152780-08	WG154253
Chloroethane	mg/l	0.0179	0.00	0.02	89.5	29-131	L152780-08	WG154253
Chloroform	mg/l	0.0187	0.00	0.02	93.7	46-136	L152780-08	WG154253
Chloromethane	mg/l	0.0221	0.0007	0.02	107.	26-120	L152780-08	WG154253
cis-1,2-Dichloroethene	mg/l	0.0191	0.00	0.02	95.5	59-133	L152780-08	WG154253
Di-isopropyl ether	mg/l	0.0201	0.00	0.02	101.	41-135	L152780-08	WG154253
Dibromomethane	mg/l	0.0189	0.0005	0.02	92.0	64-119	L152780-08	WG154253
Dichlorodifluoromethane	mg/l	0.0266	0.00	0.02	133.	13-113	L152780-08	WG154253
Ethylbenzene	mg/l	0.0230	0.0062	0.02	83.9	61-123	L152780-08	WG154253
Hexachlorobutadiene	mg/l	0.0155	0.00	0.02	77.5	39-138	L152780-08	WG154253
Isopropylbenzene	mg/l	0.0169	0.0005	0.02	81.5	56-120	L152780-08	WG154253
m&p-Xylenes	mg/l	0.0879	0.0550	0.04	82.2	71-127	L152780-08	WG154253

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Methyl tert-butyl ether	mg/l	0.0407	0.0190	0.02	108.	56-144	L152780-08	WG154253

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Methylene Chloride	mg/l	0.0184	0.00	0.02	91.9	55-123	L152780-08	WG154253
n-Butylbenzene	mg/l	0.0195	0.00	0.02	97.5	43-139	L152780-08	WG154253
n-Propylbenzene	mg/l	0.0171	0.0010	0.02	80.1	57-127	L152780-08	WG154253
Naphthalene	mg/l	0.0308	0.0140	0.05	33.7	39-122	L152780-08	WG154253
o-Xylene	mg/l	0.0610	0.0430	0.02	89.9	70-126	L152780-08	WG154253
p-Isopropyltoluene	mg/l	0.0158	0.0009	0.02	74.2	58-127	L152780-08	WG154253
sec-Butylbenzene	mg/l	0.0159	0.00	0.02	79.3	55-124	L152780-08	WG154253
Styrene	mg/l	0.0178	0.00	0.02	89.2	61-119	L152780-08	WG154253
tert-Butylbenzene	mg/l	0.0161	0.00	0.02	80.7	58-129	L152780-08	WG154253
Tetrachloroethene	mg/l	0.0157	0.00	0.02	78.6	49-144	L152780-08	WG154253
Toluene	mg/l	0.0465	0.0300	0.02	82.3	59-123	L152780-08	WG154253
trans-1,2-Dichloroethene	mg/l	0.0184	0.00	0.02	91.9	53-145	L152780-08	WG154253
Trichloroethene	mg/l	0.0180	0.00	0.02	90.2	61-141	L152780-08	WG154253
Trichlorofluoromethane	mg/l	0.0173	0.00	0.02	86.5	24-113	L152780-08	WG154253
Vinyl chloride	mg/l	0.0191	0.00	0.02	95.4	26-110	L152780-08	WG154253

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Lead	mg/l	0.919	0.907	1.31	20	91.9	L152896-01	WG154248
1,1,1,2-Tetrachloroethane	mg/l	0.0202	0.0197	2.70	16	101.	L152780-08	WG154253
1,1,1-Trichloroethane	mg/l	0.0184	0.0183	0.218	28	91.8	L152780-08	WG154253
1,1,2,2-Tetrachloroethane	mg/l	0.0197	0.0188	4.41	10	98.4	L152780-08	WG154253
1,1,2-Trichloroethane	mg/l	0.0204	0.0198	2.94	16	102.	L152780-08	WG154253
1,1-Dichloroethane	mg/l	0.0189	0.0186	1.44	17	94.4	L152780-08	WG154253
1,1-Dichloroethene	mg/l	0.0191	0.0183	4.12	36	95.3	L152780-08	WG154253
1,1-Dichloropropene	mg/l	0.0186	0.0183	1.35	33	92.9	L152780-08	WG154253
1,2,3-Trichlorobenzene	mg/l	0.0176	0.0159	10.5	17	88.2	L152780-08	WG154253
1,2,3-Trichloropropane	mg/l	0.0190	0.0184	3.42	13	95.2	L152780-08	WG154253
1,2,4-Trichlorobenzene	mg/l	0.0170	0.0156	8.90	25	34.0	L152780-08	WG154253
1,2,4-Trimethylbenzene	mg/l	0.0648	0.0663	2.23	29	83.0	L152780-08	WG154253
1,2-Dibromo-3-Chloropropane	mg/l	0.0187	0.0180	4.15	21	93.6	L152780-08	WG154253
1,2-Dibromoethane	mg/l	0.0198	0.0188	4.93	19	98.8	L152780-08	WG154253
1,2-Dichlorobenzene	mg/l	0.0180	0.0173	3.57	16	35.9	L152780-08	WG154253
1,2-Dichloroethane	mg/l	0.0212	0.0210	1.37	13	102.	L152780-08	WG154253
1,2-Dichloropropane	mg/l	0.0216	0.0208	3.72	14	108.	L152780-08	WG154253
1,3,5-Trimethylbenzene	mg/l	0.0355	0.0360	1.45	28	83.9	L152780-08	WG154253
1,3-Dichlorobenzene	mg/l	0.0162	0.0157	3.26	25	32.4	L152780-08	WG154253
1,3-Dichloropropane	mg/l	0.0200	0.0191	4.65	15	100.	L152780-08	WG154253
1,4-Dichlorobenzene	mg/l	0.0173	0.0169	2.69	18	34.7	L152780-08	WG154253
2,2-Dichloropropane	mg/l	0.0182	0.0180	1.27	31	91.0	L152780-08	WG154253
2-Butanone (MEK)	mg/l	0.0964	0.0928	3.80	10	93.8	L152780-08	WG154253
2-Chlorotoluene	mg/l	0.0191	0.0187	1.75	24	95.3	L152780-08	WG154253
4-Chlorotoluene	mg/l	0.0168	0.0161	3.95	22	83.9	L152780-08	WG154253
4-Methyl-2-pentanone (MIBK)	mg/l	0.101	0.0926	8.72	12	101.	L152780-08	WG154253
Acetone	mg/l	0.0919	0.0906	1.39	23	86.1	L152780-08	WG154253
Acrolein	mg/l	0.0709	0.0756	6.44	34	70.9	L152780-08	WG154253
Acrylonitrile	mg/l	0.0883	0.0845	4.40	13	88.3	L152780-08	WG154253
Benzene	mg/l	0.0454	0.0465	2.50	20	82.0	L152780-08	WG154253
Bromobenzene	mg/l	0.0185	0.0181	2.07	22	92.6	L152780-08	WG154253
Bromodichloromethane	mg/l	0.0218	0.0204	6.54	13	109.	L152780-08	WG154253
Bromoform	mg/l	0.0187	0.0179	4.70	18	93.6	L152780-08	WG154253
Bromomethane	mg/l	0.0107	0.0102	4.99	20	53.4	L152780-08	WG154253
Carbon tetrachloride	mg/l	0.0188	0.0186	1.07	36	94.0	L152780-08	WG154253
Chlorobenzene	mg/l	0.0175	0.0171	1.96	21	87.4	L152780-08	WG154253
Chlorodibromomethane	mg/l	0.0192	0.0182	5.09	17	95.8	L152780-08	WG154253
Chloroethane	mg/l	0.0184	0.0179	2.97	25	92.2	L152780-08	WG154253
Chloroform	mg/l	0.0191	0.0187	1.90	26	95.5	L152780-08	WG154253

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Chloromethane	mg/l	0.0222	0.0221	0.361	31	107.	L152780-08	WG154253

Analyte	Units	Matrix Spike Duplicate MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
cis-1,2-Dichloroethene	mg/l	0.0193	0.0191	0.938	18	96.4	L152780-08	WG154253
Di-isopropyl ether	mg/l	0.0207	0.0201	2.70	48	103.	L152780-08	WG154253
Dibromomethane	mg/l	0.0204	0.0189	7.62	12	99.5	L152780-08	WG154253
Dichlorodifluoromethane	mg/l	0.0260	0.0266	2.05	28	130.	L152780-08	WG154253
Ethylbenzene	mg/l	0.0230	0.0230	0.0871	25	83.8	L152780-08	WG154253
Hexachlorobutadiene	mg/l	0.0163	0.0155	4.85	36	81.3	L152780-08	WG154253
Isopropylbenzene	mg/l	0.0175	0.0169	3.84	29	84.8	L152780-08	WG154253
m&p-Xylenes	mg/l	0.0861	0.0879	2.00	22	77.8	L152780-08	WG154253
Methyl tert-butyl ether	mg/l	0.0408	0.0407	0.442	16	109.	L152780-08	WG154253
Methylene Chloride	mg/l	0.0187	0.0184	1.57	16	93.4	L152780-08	WG154253
n-Butylbenzene	mg/l	0.0197	0.0195	1.02	30	98.5	L152780-08	WG154253
n-Propylbenzene	mg/l	0.0173	0.0171	1.63	30	81.5	L152780-08	WG154253
Naphthalene	mg/l	0.0338	0.0308	9.28	39	39.7	L152780-08	WG154253
o-Xylene	mg/l	0.0595	0.0610	2.54	20	82.3	L152780-08	WG154253
p-Isopropyltoluene	mg/l	0.0164	0.0158	3.66	36	77.2	L152780-08	WG154253
sec-Butylbenzene	mg/l	0.0165	0.0159	4.14	32	82.7	L152780-08	WG154253
Styrene	mg/l	0.0185	0.0178	3.58	21	92.5	L152780-08	WG154253
tert-Butylbenzene	mg/l	0.0168	0.0161	4.07	30	84.0	L152780-08	WG154253
Tetrachloroethene	mg/l	0.0165	0.0157	4.84	32	82.5	L152780-08	WG154253
Toluene	mg/l	0.0456	0.0465	1.82	17	78.1	L152780-08	WG154253
trans-1,2-Dichloroethene	mg/l	0.0191	0.0184	3.69	27	95.3	L152780-08	WG154253
Trichloroethene	mg/l	0.0189	0.0180	4.45	25	94.3	L152780-08	WG154253
Trichlorofluoromethane	mg/l	0.0175	0.0173	1.21	41	87.5	L152780-08	WG154253
Vinyl chloride	mg/l	0.0192	0.0191	0.887	36	96.2	L152780-08	WG154253

Batch number /Run number / Sample number cross reference

WG154248: R194536: L152896-01 02
WG154253: R194584: L152896-01 02
WG154311: R194723: L152896-02

* See Attachment B of standard report for list of qualifiers.
* Calculations are performed prior to rounding of reported values .

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Level II

L152896

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ESC Level 2 Data Package

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of regent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Environmental Science Corp.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:	Quantum Environmental Inc.	Sample ID:	MW-29I
Matrix :	Water	ESC Sample Number:	L152896-02
Date Collected:	4/28/2004	Lab File ID:	0430_22A
Date Analyzed:	5/3/2004	Dilution Factor:	0.005

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds. Therefore, not all TIC's are identified and quantitated using individual standards. TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist. Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard. from the total ion chromatogram. TIC's are identified and quantitated only if the peak area is 10% or more of that of the nearest internal standard.

TICS found: 3

Concentration Units: mg/L

CAS Number	COMPOUND	RT	Est. Conc.	Q
000095-49-8	Benzene, 1-chloro-2-methyl-	4.66	0.01	J
000112-05-0	Nonanoic acid	5.89	0.01	J
000112-84-5	Erucylamide	9.88	0.01	J

Quantum Environmental
6001 Chapel Hill Rd., #108
Raleigh, NC 27607

Email Address: tdavis@quantumcos.com

Report: Tom Davis

Phone: 919 852 3595
FAX: 852 1997

Collected by: DAVIS

Collected by (signature):

Alternate billing information:

Project name: Teor

Client Project #: 001394012

ESC Key:

Site/Facility ID#:

P.O.#:

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:

Email? __No ✓Yes
FAX? __No__Yes

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:

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CoCode: (lab use only)
Template/Prelogin
Cooler #:
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	6210d	625	Pb-3030C prep						Remarks/Contaminant	Sample # (lab only)
MW-18	G	GW		4/28/04	0847	3	X		X							L152896-01
MW-29i	G	GW		"	1050	4	X	X	X							-02

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

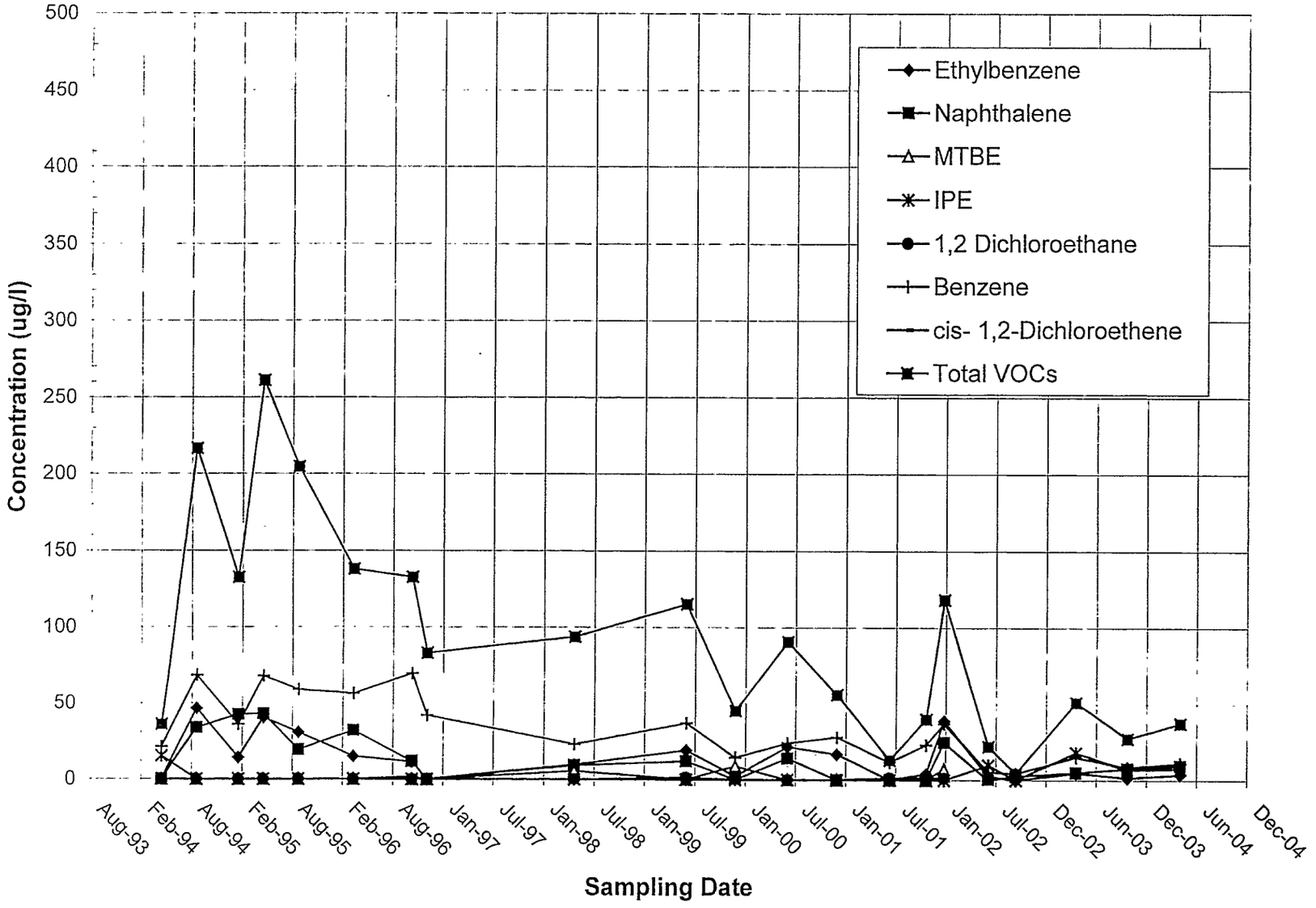
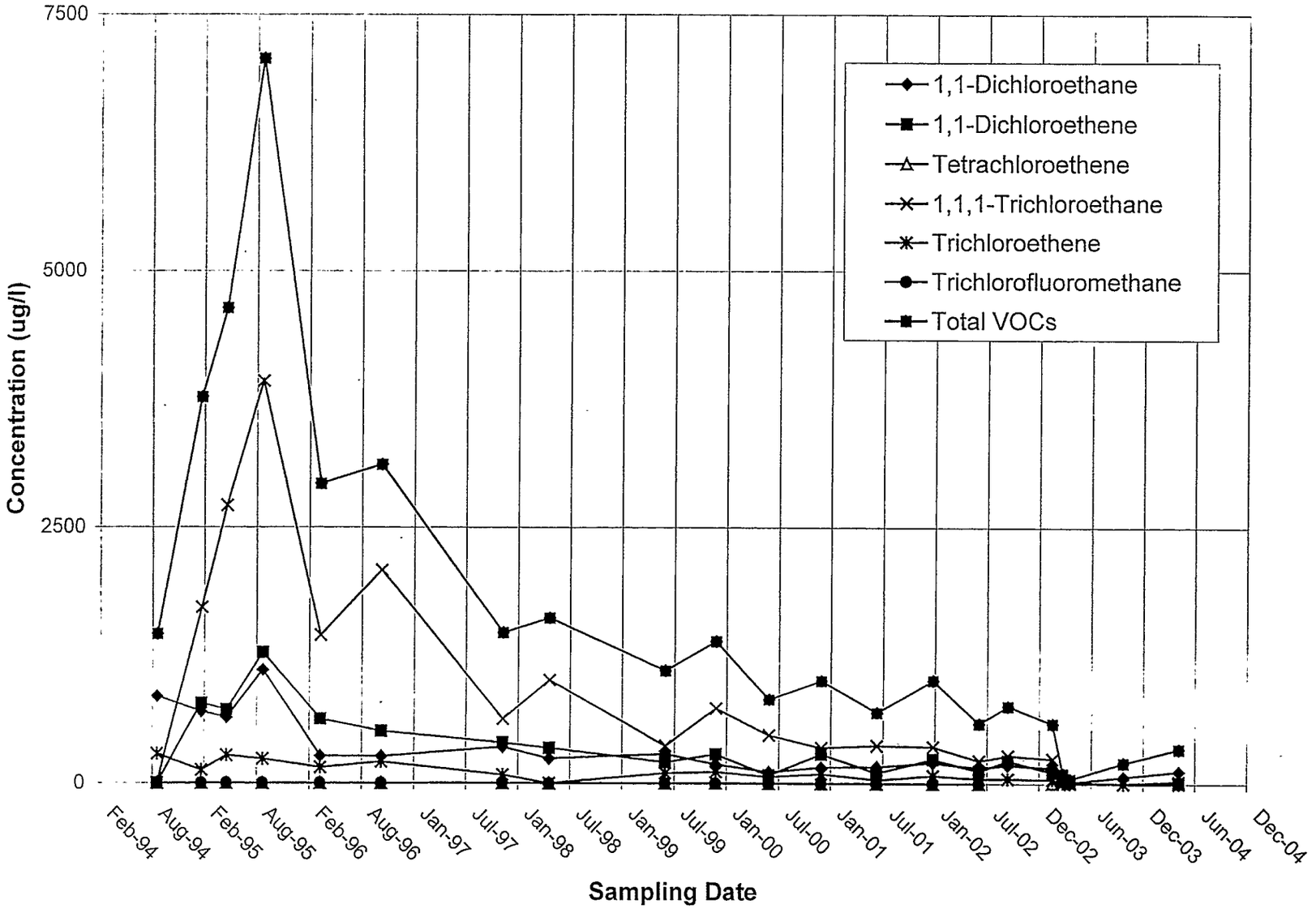
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
	4/28/04	1500	Fed Ex		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.8° / Bottles Received: 7	OK
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/29/04 / Time: 9:00	pH Checked: <2 / NCF:

Appendix B

Appendix B

Charts of Groundwater Concentrations Versus Time for MW-23 and MW-25

MW-23 Historic Groundwater Monitoring Results.



MW-25 Historic Groundwater Monitoring Results.