

APPENDIX R: SOIL TESTS

Georgetown University Boathouse
Environmental Assessment

April 2006

**NEPA-Environmental Assessment Report, Proposed Georgetown University
Non-Motorized Boathouse, Water Street, N.W., Washington D.C.**

Environmental Testing on Soil and Ground Water Samples

On January 11, 2005, Ms. Kathryn Sheridan, Project Scientist, and Mr. Joseph Levinson, Staff Scientist with Schnabel, performed three hand augers (EB-1 through EB-3) on the subject property. The approximate hand auger locations are provided on Figure 2.

1.1 PID Screening

Soil samples obtained during the hand auger activities were screened with a Photoionization Detector (PID) by Ms. Sheridan. The PID is an instrument used to detect volatile organic compounds (VOCs). The screening was performed as a headspace analysis of soil samples retained in glass jars. No elevated PID measurements were obtained from the soil samples obtained from the hand augers. Note that a PID reading is a measure of the VOCs present in the sample and are not a direct measure of the quantity of total petroleum hydrocarbons (TPH) present in the soil sample. In addition, a PID may not detect older and heavier fuel patterns, as the volatiles in such substances may no longer be present due to the passage of time of the nature and/or composition of the fuel type.

1.2 Analytical Soil Test Results

Selected soil samples from each hand auger location were submitted to an EPA-approved laboratory, Phase Separation Science, Inc., for chemical analysis for the analytical parameters listed below. The chain of custody forms and laboratory test results are attached.

- Total Petroleum Hydrocarbons – diesel and gasoline range organics (TPH-DRO/GRO),
- TPH-1664, which detects and measures heavier and older fuel patterns not detected within the DRO/GRO ranges,
- Polychlorinated Biphenyls (PCBs),
- Semi-volatile Organic Compounds (SVOCs),
- Volatile Organic Compounds (VOCs);
- Organochlorine Pesticides, and
- Priority Pollutant Metals, which include antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc.

Based on the laboratory test results, all of the soil pesticides, PCBs, SVOCs, VOCs, and TPH test results were below their respective practical quantitation limits (PQLs), or below the

laboratory detection limits, with the exception of methylene chloride, which was detected in one sample from EB-1 at its PQL. Since methylene chloride was also detected in a laboratory blank sample, it is considered to be a laboratory contaminant that may be a residual chemical left in the testing equipment.

For the priority pollutant metals tested, elevated test results (above PQLs) for arsenic, chromium, copper, lead, mercury, nickel, and zinc were obtained. Table 1 presents a summary of the priority pollutant metal results that were detected above laboratory PQLs. Note that the final column of Table 1 presents the Federal Environmental Protection Agency's (EPA's) Risk-Based Concentrations (RBCs) for Region III industrial soils.

Table 1 - Summary of Priority Pollutant Metal Test Results above PQLs

Metal	EB-1 (1 foot depth)	EB-2 (1 foot depth)	EB-3 (1 foot depth)	EPA's RBC Values
Arsenic (mg/kg)	12	6	4.5	3.8
Chromium (mg/kg)	31	16	25	6,100
Copper (mg/kg)	29	19	19	82,000
Lead (mg/kg)	57	24	53	NE
Mercury (mg/kg)	0.27	ND	0.12	NE
Nickel (mg/kg)	150	32	89	41,000
Zinc (mg/kg)	98	54	54	610,000

mg/kg = milligrams per kilogram

NE = not established

ND = not detected

Review of the metal test results obtained at the site indicates that the metal results are below established EPA's RBC levels for industrial soils, with the exception of arsenic at all three hand auger locations. The EPA does not have established RBC levels for mercury or lead; however, the EPA recommends using an action level of 400 ppm (parts per million) for lead in soil. All lead test results were below this recommended action level for lead.

It should also be noted that heavy metals, such as arsenic, lead, and mercury, are also naturally occurring elements. Table 2 presents a summary of the arsenic, lead, and mercury results, as well as the common ranges for these metals in soils in the eastern United States. Based on Table 2, the site's arsenic, lead, and mercury levels are within their naturally occurring ranges.

Table 2 - Metal Results, Naturally Occurring Values, and Federal Register Levels

Metal	Result Range above Regulatory Limits (mg/kg)	Common Range for Soils (mg/kg) Eastern United States	Federal Register (mg/L)
Arsenic	4.5 – 12	<1.0 – 73	5.0
Lead	24-57	<10 – 300	5.0
Mercury	0.12 – 0.27	<0.01 - 3.4	0.2

Additionally, the Federal Register (1990) provides regulatory level concentrations for these three metals that are a standard, based on leaching capabilities, for which a substance is considered hazardous. The Federal Register's regulatory levels for these metals are also included in Table 2. The regulatory levels are for soils that have been diluted to a ratio of one part soil to 20 parts water, as part of the leaching test procedure. Based on this, and assuming 100 percent leaching of the samples tested (a conservative assumption), the metal test results for arsenic, lead, and mercury can be divided by a factor of 20 for direct comparison with the Federal Register's levels. This analysis was performed on these three metals and indicated that, based on this method of comparison, none of the soil samples are considered hazardous for the metals indicated in Table 2.

1.3 Analytical Water Test Results

One water sample from each hand auger location was submitted to the laboratory for chemical analysis for the analytical parameters listed below. The chain of custody forms and laboratory test results are attached.

- TPH-DRO/GRO,
- TPH-1664,
- PCBs,
- SVOCs,
- VOCs;
- Organochlorine Pesticides, and
- Priority Pollutant Metals.

Based on the laboratory test results, all of the water pesticides, PCB, SVOC, and TPH test results were below their respective PQLs, or laboratory detection limits. Note that an estimated level of the SVOC di-n-butyl phthalate of 2 ug/L was provided by the laboratory for the water sample from EB-1, but this value is still below the PQL. In addition, the water sample

from EB-2 had a chloroform level of 1 ug/L, which is just at the PQL. Table 3 compares this value to two regulatory limits, one of which the site's result exceeds. However, the regulatory limit is based on ingestion risks, and the site is planned to be supplied with public water.

Table 3 – Comparison of EB-2 Water Chloroform Test Result

VOC	EB-3 Laboratory Result	EPA RBC for tap water	Federal Register based on a RSD
Chloroform (ug/L)	1.0	0.15	6,000

RSD = risk-specific dose

For the priority pollutant metals tested, elevated test results above PQLs for arsenic, chromium, copper, lead, nickel, and zinc were obtained. Table 4 presents a summary of the priority pollutant metal results that were detected above laboratory PQLs and related regulatory limits.

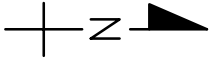
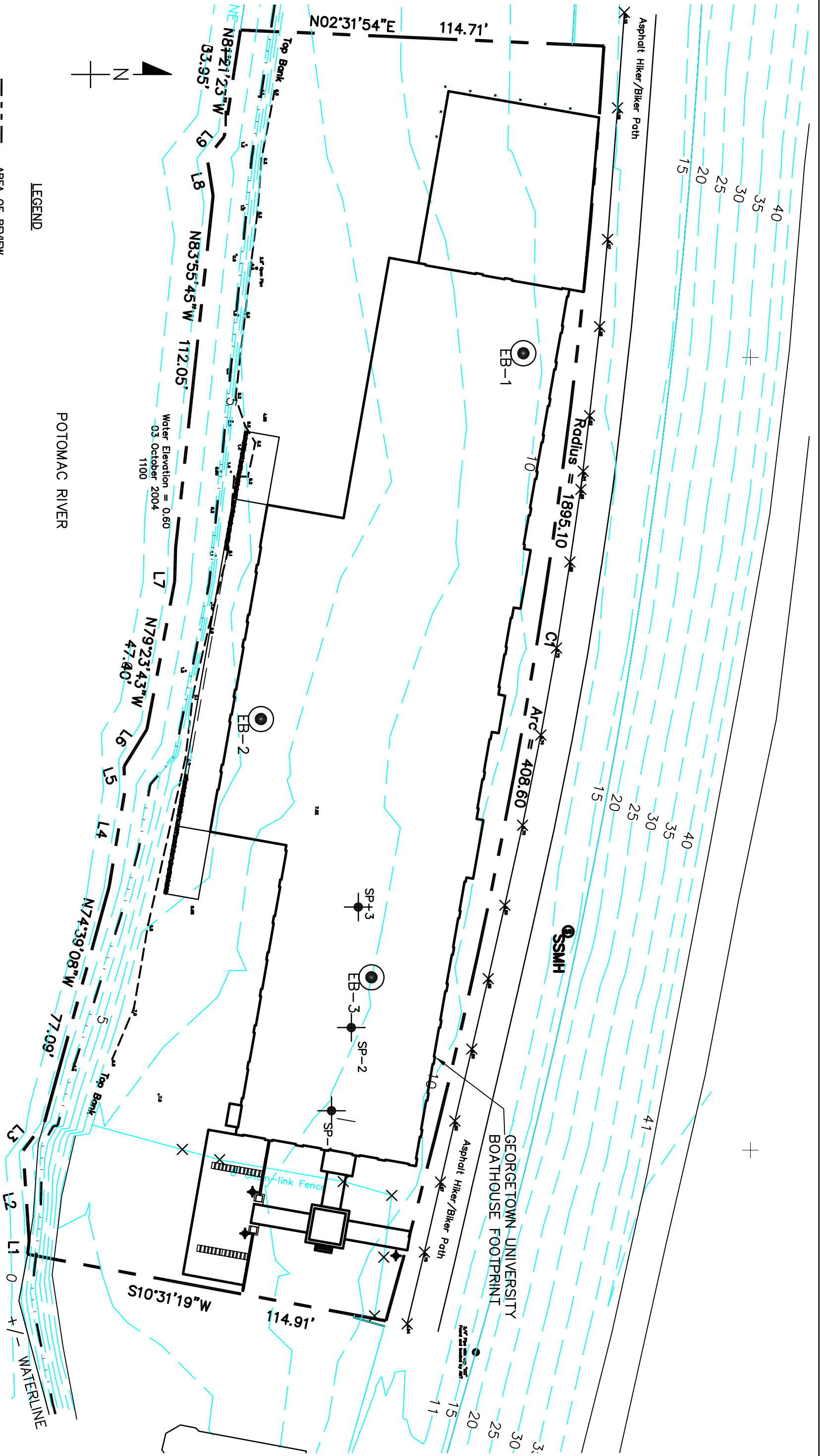
Table 4 - Summary of Priority Pollutant Metal Test Results above PQLs

Metal	EB-1 Test Result	EB-2 Test Result	EB-3 Test Result	District Discharge Levels	EPA MCL for Drinking Water	Federal Register	EPA RBC - tap water
Arsenic (ug/L)	72	ND	30	NE	50	5,000	0.045
Chromium (ug/L)	13	ND	24	NE	100	5,000	110
Copper (ug/L)	ND	8.6	17	1,900	1,300	NE	1,500
Lead (ug/L)	ND	7.7	93	2,100	15	5,000	NE
Nickel (ug/L)	300	14	31	NE	NE	NE	730
Zinc (ug/L)	430	53	75	5,000	NE	NE	11,000

NE = not established RBC = risk-based concentration MCL = maximum contaminant level

ND = not detected at a concentration greater than or equal to the PQL

Review of the water metal test results obtained at the site indicates that the only arsenic and lead results were above established regulatory limits. The lead result for EB-3 is above the EPA's Drinking Water Standard, and the arsenic levels at EB-1 and EB-3 exceeded the EPA's RBC for tap water. In addition, the arsenic result for EB-1 also exceeded the EPA's Drinking Water Standard. Again, the water tested at the site is not planned to be used for consumption purposes by humans, for which the regulatory limits exceeded were developed.



LEGEND

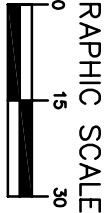
--- AREA OF REVIEW



HAND AUGER (EB-1 THROUGH EB-3)



SOIL PROBE (SP-1 THROUGH SP-3)



GRAPHIC SCALE

1 inch = 30 ft.

REFERENCE: Base plan for this drawing was provided by A.Morton Thomas, Inc.

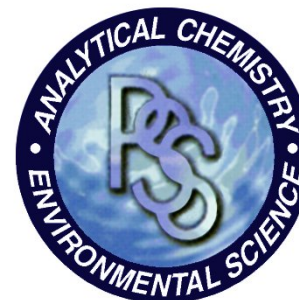


PROPOSED NON-MOTORIZED
BOATHOUSE
GEORGETOWN UNIVERSITY
WASHINGTON, D.C.

HAND AUGER AND SITE
LOCATION PLAN
PROJECT NO. 04121249
FIGURE 2

OFFICES:
6630 BALTIMORE NAT'L PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
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FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No. 05011306 Page 1 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB1 (.5) / 05011306-01 / Soil							
Organochlorine Pesticides							
Aldrin	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
a-BHC	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
b-BHC	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
g-BHC (Lindane)	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
d-BHC	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
a-Chlordane	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
g-Chlordane	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
4,4-DDD	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
4,4-DDE	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
4,4-DDT	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Dieldrin	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Endosulfan I	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Endosulfan II	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Endosulfan Sulfate	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Endrin	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Endrin Aldehyde	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Endrin Ketone	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Heptachlor	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Heptachlor Epoxide	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Methoxychlor	ND	ug/kg	EPA 8081	31	01/13/05	01/14/05 14:54	XW
Toxaphene	ND	ug/kg	EPA 8081	780	01/13/05	01/14/05 14:54	XW
Percent Solids							
Percent Solids	63	%	Gravimetry		01/13/05	01/13/05 21:15	CAI

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

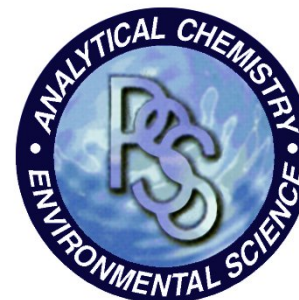
Reviewed By:

Quality Assurance Chemist

Results reported on a dry weight basis where applicable.

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No. 05011306 Page 2 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
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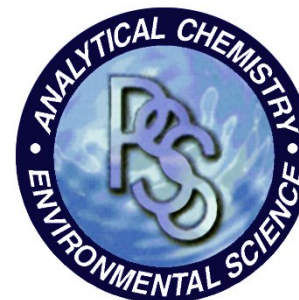
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB1 (1.0') / 05011306-02 / Soil							
Percent Solids							
Percent Solids	50	%	Gravimetry		01/13/05	01/13/05 21:15	CAI
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	EPA 8082	0.49	01/13/05	01/14/05 13:16	XW
Aroclor 1221	ND	mg/kg	EPA 8082	0.49	01/13/05	01/14/05 13:16	XW
Aroclor 1232	ND	mg/kg	EPA 8082	0.49	01/13/05	01/14/05 13:16	XW
Aroclor 1242	ND	mg/kg	EPA 8082	0.49	01/13/05	01/14/05 13:16	XW
Aroclor 1248	ND	mg/kg	EPA 8082	0.49	01/13/05	01/14/05 13:16	XW
Aroclor 1254	ND	mg/kg	EPA 8082	0.49	01/13/05	01/14/05 13:16	XW
Aroclor 1260	ND	mg/kg	EPA 8082	0.49	01/13/05	01/14/05 13:16	XW
Priority Pollutant Metals							
Antimony	ND	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Arsenic	12	mg/kg	EPA 6020	0.94	01/19/05	01/20/05 14:15	LM
Beryllium	ND	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Cadmium	ND	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Chromium	31	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Copper	29	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Lead	57	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Mercury	0.27	mg/kg	EPA 6020	0.19	01/19/05	01/20/05 14:15	LM
Nickel	150	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Selenium	ND	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Silver	ND	mg/kg	EPA 6020	4.7	01/19/05	01/20/05 14:15	LM
Thallium	ND	mg/kg	EPA 6020	3.8	01/19/05	01/20/05 14:15	LM
Zinc	98	mg/kg	EPA 6020	47	01/19/05	01/20/05 14:15	LM
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2-Chlorophenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2-Methylphenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Acetophenone	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Hexachloroethane	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Nitrobenzene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Isophorone	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 3 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

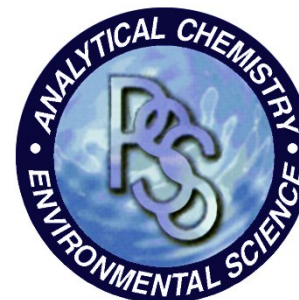
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB1 (1.0') / 05011306-02 / Soil							
Target Compound List - SEMIVOLATILES							
2-Nitrophenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Naphthalene`	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
4-Chloroaniline	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Hexachlorobutadiene`	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Caprolactam	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270	1700	01/17/05	01/17/05 12:50	BW
1,1-Biphenyl	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2-Chloronaphthalene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2-Nitroaniline	ND	ug/kg	EPA 8270	1700	01/17/05	01/17/05 12:50	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Acenaphthylene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
3-Nitroaniline	ND	ug/kg	EPA 8270	1700	01/17/05	01/17/05 12:50	BW
Acenaphthene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270	1700	01/17/05	01/17/05 12:50	BW
4-Nitrophenol	ND	ug/kg	EPA 8270	1700	01/17/05	01/17/05 12:50	BW
Dibenzofuran	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Diethyl phthalate	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Fluorene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
4-Nitroaniline	ND	ug/kg	EPA 8270	1700	01/17/05	01/17/05 12:50	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270	1500	01/17/05	01/17/05 12:50	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Atrazine	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Pentachlorophenol	ND	ug/kg	EPA 8270	1700	01/17/05	01/17/05 12:50	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 4 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
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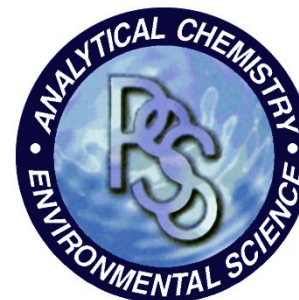
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB1 (1.0') / 05011306-02 / Soil							
Target Compound List - SEMIVOLATILES							
Phenanthrene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Anthracene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Carbazole	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Fluoranthene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Pyrene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Benzo (a) anthracene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Chrysene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Benzo (b,k) fluoranthene	ND	ug/kg	EPA 8270	1300	01/17/05	01/17/05 12:50	BW
Benzo (a) pyrene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270	670	01/17/05	01/17/05 12:50	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Chloromethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Vinyl chloride	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Bromomethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Chloroethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Acetone	ND	ug/kg	EPA 8260	200	01/18/05	01/18/05 0:21	MI
Carbon Disulfide	ND	ug/kg	EPA 8260	20	01/18/05	01/18/05 0:21	MI
Methyl Acetate	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Methylene chloride	b 10	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260	100	01/18/05	01/18/05 0:21	MI

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 5 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

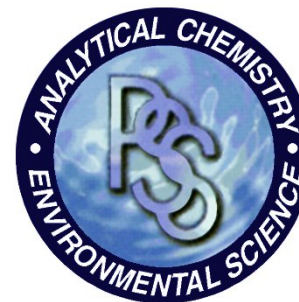
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB1 (1.0') / 05011306-02 / Soil							
Target Compound List - VOLATILES							
Chloroform	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Cyclohexane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Benzene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Trichloroethene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Methylcyclohexane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Bromodichloromethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260	20	01/18/05	01/18/05 0:21	MI
Toluene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Tetrachloroethene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
2-Hexanone (MBK)	ND	ug/kg	EPA 8260	20	01/18/05	01/18/05 0:21	MI
Dibromochloromethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Chlorobenzene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Ethylbenzene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
m&p-Xylene	ND	ug/kg	EPA 8260	20	01/18/05	01/18/05 0:21	MI
o-Xylene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Styrene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Bromoform	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Isopropylbenzene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Naphthalene	ND	ug/kg	EPA 8260	10	01/18/05	01/18/05 0:21	MI
Total Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/kg	EPA 8015B	200	01/19/05	01/19/05 3:06	AK

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CERTIFICATE OF ANALYSIS
No. 05011306 Page 6 of 35
Schnabel Environmental Services
January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05
Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB1 (1.0') / 05011306-02 / Soil							
Total Petroleum Hydrocarbons							
TPH	ND	mg/kg	EPA 1664M	50	01/18/05	01/18/05 14:06	VK
Total Petroleum Hydrocarbons - DRO							
Diesel Range Organics	ND	mg/kg	EPA 8015B	20	01/18/05	01/18/05 16:34	BW

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

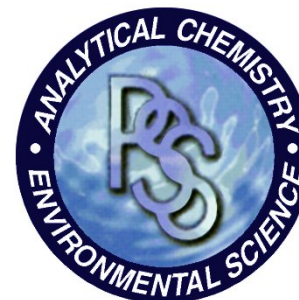
Reviewed By:

Quality Assurance Chemist

Results reported on a dry weight basis where applicable.

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 7 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB2 (1.0') / 05011306-03 / Soil							
Organochlorine Pesticides							
Aldrin	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
a-BHC	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
b-BHC	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
g-BHC (Lindane)	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
d-BHC	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
a-Chlordane	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
g-Chlordane	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
4,4-DDD	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
4,4-DDE	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
4,4-DDT	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Dieldrin	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Endosulfan I	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Endosulfan II	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Endosulfan Sulfate	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Endrin	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Endrin Aldehyde	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Endrin Ketone	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Heptachlor	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Heptachlor Epoxide	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Methoxychlor	ND	ug/kg	EPA 8081	26	01/13/05	01/14/05 14:26	XW
Toxaphene	ND	ug/kg	EPA 8081	640	01/13/05	01/14/05 14:26	XW
Percent Solids							
Percent Solids	76	%	Gravimetry		01/13/05	01/13/05 21:16	CAI

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

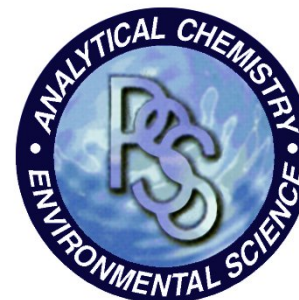
Reviewed By:

Quality Assurance Chemist

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 8 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

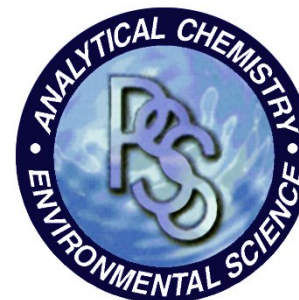
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB2 (1.5') / 05011306-04 / Soil							
Percent Solids							
Percent Solids	81	%	Gravimetry		01/13/05	01/13/05 21:16	CAI
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	EPA 8082	0.3	01/13/05	01/14/05 13:45	XW
Aroclor 1221	ND	mg/kg	EPA 8082	0.3	01/13/05	01/14/05 13:45	XW
Aroclor 1232	ND	mg/kg	EPA 8082	0.3	01/13/05	01/14/05 13:45	XW
Aroclor 1242	ND	mg/kg	EPA 8082	0.3	01/13/05	01/14/05 13:45	XW
Aroclor 1248	ND	mg/kg	EPA 8082	0.3	01/13/05	01/14/05 13:45	XW
Aroclor 1254	ND	mg/kg	EPA 8082	0.3	01/13/05	01/14/05 13:45	XW
Aroclor 1260	ND	mg/kg	EPA 8082	0.3	01/13/05	01/14/05 13:45	XW
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2-Chlorophenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2-Methylphenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Acetophenone	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Hexachloroethane	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Nitrobenzene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Isophorone	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2-Nitrophenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Naphthalene`	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
4-Chloroaniline	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Hexachlorobutadiene`	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Caprolactam	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270	1000	01/17/05	01/17/05 13:24	BW
1,1-Biphenyl	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 9 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

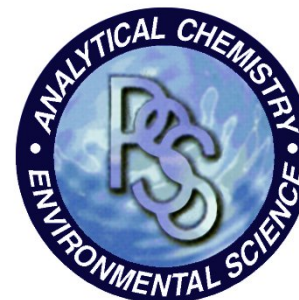
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB2 (1.5') / 05011306-04 / Soil							
Target Compound List - SEMIVOLATILES							
2-Chloronaphthalene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2-Nitroaniline	ND	ug/kg	EPA 8270	1000	01/17/05	01/17/05 13:24	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Acenaphthylene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
3-Nitroaniline	ND	ug/kg	EPA 8270	1000	01/17/05	01/17/05 13:24	BW
Acenaphthene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270	1000	01/17/05	01/17/05 13:24	BW
4-Nitrophenol	ND	ug/kg	EPA 8270	1000	01/17/05	01/17/05 13:24	BW
Dibenzofuran	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Diethyl phthalate	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Fluorene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
4-Nitroaniline	ND	ug/kg	EPA 8270	1000	01/17/05	01/17/05 13:24	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270	950	01/17/05	01/17/05 13:24	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Atrazine	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Pentachlorophenol	ND	ug/kg	EPA 8270	1000	01/17/05	01/17/05 13:24	BW
Phenanthrene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Anthracene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Carbazole	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Fluoranthene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Pyrene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Benzo (a) anthracene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Chrysene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Benzo (b,k) fluoranthene	ND	ug/kg	EPA 8270	820	01/17/05	01/17/05 13:24	BW
Benzo (a) pyrene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 10 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB2 (1.5') / 05011306-04 / Soil							
Target Compound List - SEMIVOLATILES							
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270	410	01/17/05	01/17/05 13:24	BW

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

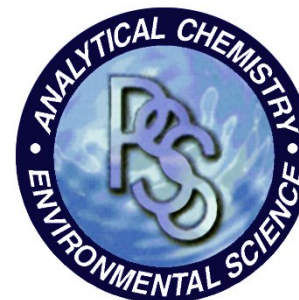
Reviewed By:

Quality Assurance Chemist

Results reported on a dry weight basis where applicable.

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 11 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

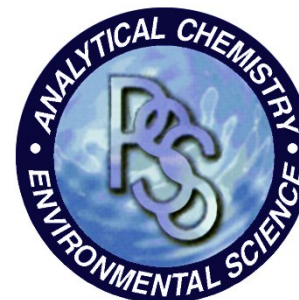
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB2 (2.0') / 05011306-05 / Soil							
Percent Solids							
Percent Solids	81	%	Gravimetry		01/19/05	01/19/05 14:34	MW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Chloromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Vinyl chloride	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Bromomethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Chloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Acetone	ND	ug/kg	EPA 8260	120	01/18/05	01/18/05 0:49	MI
Carbon Disulfide	ND	ug/kg	EPA 8260	12	01/18/05	01/18/05 0:49	MI
Methyl Acetate	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Methylene chloride	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260	61	01/18/05	01/18/05 0:49	MI
Chloroform	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Cyclohexane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Benzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Trichloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Methylcyclohexane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Bromodichloromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260	12	01/18/05	01/18/05 0:49	MI
Toluene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Tetrachloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 12 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB2 (2.0') / 05011306-05 / Soil							
Target Compound List - VOLATILES							
2-Hexanone (MBK)	ND	ug/kg	EPA 8260	12	01/18/05	01/18/05 0:49	MI
Dibromochloromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Chlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Ethylbenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
m&p-Xylene	ND	ug/kg	EPA 8260	12	01/18/05	01/18/05 0:49	MI
o-Xylene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Styrene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Bromoform	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Isopropylbenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Naphthalene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 0:49	MI
Total Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/kg	EPA 8015B	120	01/19/05	01/19/05 3:39	AK
Total Petroleum Hydrocarbons							
TPH	ND	mg/kg	EPA 1664M	31	01/18/05	01/18/05 14:06	VK
Total Petroleum Hydrocarbons - DRO							
Diesel Range Organics	ND	mg/kg	EPA 8015B	12	01/18/05	01/18/05 15:51	BW

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

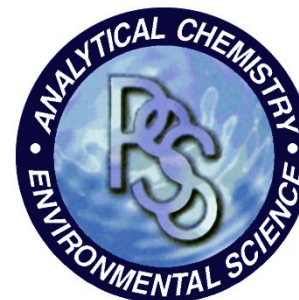
Reviewed By:

Quality Assurance Chemist

Results reported on a dry weight basis where applicable.

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 13 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

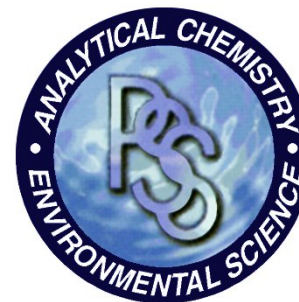
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB3 (1.0') / 05011306-06 / Soil							
Organochlorine Pesticides							
Aldrin	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
a-BHC	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
b-BHC	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
g-BHC (Lindane)	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
d-BHC	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
a-Chlordane	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
g-Chlordane	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
4,4-DDD	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
4,4-DDE	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
4,4-DDT	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Dieldrin	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Endosulfan I	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Endosulfan II	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Endosulfan Sulfate	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Endrin	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Endrin Aldehyde	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Endrin Ketone	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Heptachlor	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Heptachlor Epoxide	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Methoxychlor	ND	ug/kg	EPA 8081	23	01/13/05	01/14/05 13:58	XW
Toxaphene	ND	ug/kg	EPA 8081	570	01/13/05	01/14/05 13:58	XW
Percent Solids							
Percent Solids	82	%	Gravimetry		01/13/05	01/13/05 21:16	CAI
Priority Pollutant Metals							
Antimony	ND	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM
Arsenic	4.5	mg/kg	EPA 6020	0.58	01/19/05	01/20/05 14:20	LM
Beryllium	ND	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM
Cadmium	ND	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM
Chromium	25	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM
Copper	19	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM
Lead	53	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM
Mercury	0.12	mg/kg	EPA 6020	0.12	01/19/05	01/20/05 14:20	LM
Nickel	89	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM
Selenium	ND	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM
Silver	ND	mg/kg	EPA 6020	2.9	01/19/05	01/20/05 14:20	LM

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 14 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB3 (1.0') / 05011306-06 / Soil							
Priority Pollutant Metals							
Thallium	ND	mg/kg	EPA 6020	2.3	01/19/05	01/20/05 14:20	LM
Zinc	54	mg/kg	EPA 6020	29	01/19/05	01/20/05 14:20	LM

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

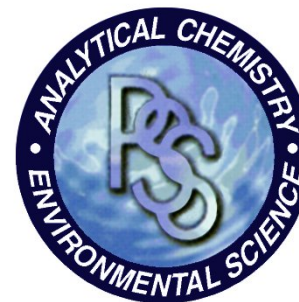
Results reported on a dry weight basis where applicable.

Reviewed By:

Quality Assurance Chemist

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 15 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

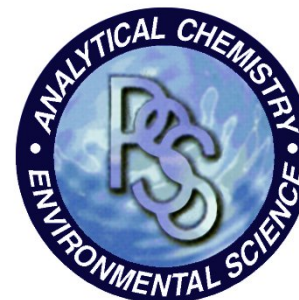
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB3 (2.0') / 05011306-07 / Soil							
Percent Solids							
Percent Solids	87	%	Gravimetry		01/13/05	01/13/05 21:17	CAI
Polychlorinated Biphenyls							
Aroclor 1016	ND	mg/kg	EPA 8082	0.28	01/13/05	01/14/05 13:45	XW
Aroclor 1221	ND	mg/kg	EPA 8082	0.28	01/13/05	01/14/05 13:45	XW
Aroclor 1232	ND	mg/kg	EPA 8082	0.28	01/13/05	01/14/05 13:45	XW
Aroclor 1242	ND	mg/kg	EPA 8082	0.28	01/13/05	01/14/05 13:45	XW
Aroclor 1248	ND	mg/kg	EPA 8082	0.28	01/13/05	01/14/05 13:45	XW
Aroclor 1254	ND	mg/kg	EPA 8082	0.28	01/13/05	01/14/05 13:45	XW
Aroclor 1260	ND	mg/kg	EPA 8082	0.28	01/13/05	01/14/05 13:45	XW
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2-Chlorophenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2-Methylphenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Acetophenone	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Hexachloroethane	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Nitrobenzene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Isophorone	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2-Nitrophenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Naphthalene`	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
4-Chloroaniline	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Hexachlorobutadiene`	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Caprolactam	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270	950	01/17/05	01/17/05 13:59	BW
1,1-Biphenyl	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 16 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

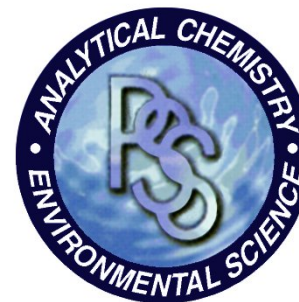
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB3 (2.0') / 05011306-07 / Soil							
Target Compound List - SEMIVOLATILES							
2-Chloronaphthalene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2-Nitroaniline	ND	ug/kg	EPA 8270	950	01/17/05	01/17/05 13:59	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Acenaphthylene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
3-Nitroaniline	ND	ug/kg	EPA 8270	950	01/17/05	01/17/05 13:59	BW
Acenaphthene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270	950	01/17/05	01/17/05 13:59	BW
4-Nitrophenol	ND	ug/kg	EPA 8270	950	01/17/05	01/17/05 13:59	BW
Dibenzofuran	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Diethyl phthalate	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Fluorene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
4-Nitroaniline	ND	ug/kg	EPA 8270	950	01/17/05	01/17/05 13:59	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270	880	01/17/05	01/17/05 13:59	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Atrazine	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Pentachlorophenol	ND	ug/kg	EPA 8270	950	01/17/05	01/17/05 13:59	BW
Phenanthrene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Anthracene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Carbazole	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Fluoranthene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Pyrene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Benzo (a) anthracene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Chrysene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Benzo (b,k) fluoranthene	ND	ug/kg	EPA 8270	760	01/17/05	01/17/05 13:59	BW
Benzo (a) pyrene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 17 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB3 (2.0') / 05011306-07 / Soil							
Target Compound List - SEMIVOLATILES							
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270	380	01/17/05	01/17/05 13:59	BW

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

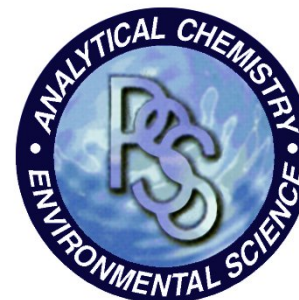
Reviewed By:

Quality Assurance Chemist

Results reported on a dry weight basis where applicable.

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 18 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

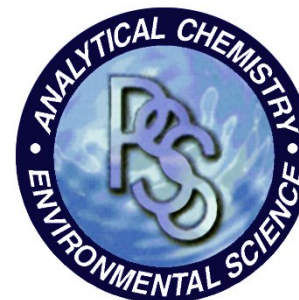
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB3 (2.5') / 05011306-08 / Soil							
Percent Solids							
Percent Solids	81	%	Gravimetry		01/19/05	01/19/05 14:34	MW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Chloromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Vinyl chloride	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Bromomethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Chloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Acetone	ND	ug/kg	EPA 8260	120	01/18/05	01/18/05 1:17	MI
Carbon Disulfide	ND	ug/kg	EPA 8260	12	01/18/05	01/18/05 1:17	MI
Methyl Acetate	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Methylene chloride	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260	60	01/18/05	01/18/05 1:17	MI
Chloroform	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Cyclohexane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Benzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Trichloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Methylcyclohexane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Bromodichloromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260	12	01/18/05	01/18/05 1:17	MI
Toluene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Tetrachloroethene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 19 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB3 (2.5') / 05011306-08 / Soil							
Target Compound List - VOLATILES							
2-Hexanone (MBK)	ND	ug/kg	EPA 8260	12	01/18/05	01/18/05 1:17	MI
Dibromochloromethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Chlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Ethylbenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
m&p-Xylene	ND	ug/kg	EPA 8260	12	01/18/05	01/18/05 1:17	MI
o-Xylene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Styrene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Bromoform	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Isopropylbenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI
Naphthalene	ND	ug/kg	EPA 8260	6	01/18/05	01/18/05 1:17	MI

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

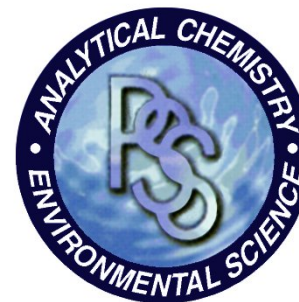
Results reported on a dry weight basis where applicable.

Reviewed By:

Quality Assurance Chemist

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 20 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB3 (3.0') / 05011306-09 / Soil							
Percent Solids							
Percent Solids	82	%	Gravimetry		01/19/05	01/19/05 14:35	MW
Total Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/kg	EPA 8015B	120	01/19/05	01/19/05 4:13	AK
Total Petroleum Hydrocarbons							
TPH	ND	mg/kg	EPA 1664M	30	01/18/05	01/18/05 14:06	VK
Total Petroleum Hydrocarbons - DRO							
Diesel Range Organics	ND	mg/kg	EPA 8015B	12	01/18/05	01/18/05 16:34	BW

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

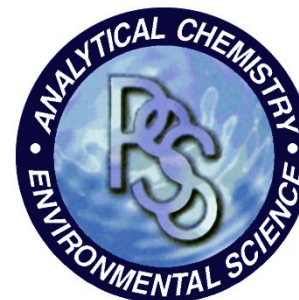
Results reported on a dry weight basis where applicable.

Reviewed By:

Quality Assurance Chemist

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CERTIFICATE OF ANALYSIS
No. 05011306 Page 21 of 35
Schnabel Environmental Services
January 21, 2005

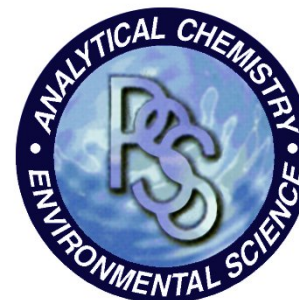
Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05
Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-1 / 05011306-10 / Water							
Dissolved Priority Pollutant Metals							
Antimony	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Arsenic	72	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Beryllium	ND	ug/L	EPA 6020	4	01/19/05	01/20/05 12:47	LM
Cadmium	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Chromium	13	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Copper	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Lead	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Mercury	ND	ug/L	EPA 6020	1	01/19/05	01/20/05 12:47	LM
Nickel	300	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Selenium	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Silver	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:47	LM
Thallium	ND	ug/L	EPA 6020	2	01/19/05	01/20/05 12:47	LM
Zinc	430	ug/L	EPA 6020	50	01/19/05	01/20/05 12:47	LM
Organochlorine Pesticides							
Aldrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
a-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
b-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
g-BHC (Lindane)	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
d-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
a-Chlordane	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
g-Chlordane	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
4,4-DDD	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
4,4-DDE	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
4,4-DDT	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Dieldrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Endosulfan I	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Endosulfan II	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Endosulfan Sulfate	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Endrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Endrin Aldehyde	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Endrin Ketone	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Heptachlor	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Heptachlor Epoxide	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Methoxychlor	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:12	XW
Toxaphene	ND	ug/L	EPA 8081	2	01/14/05	01/17/05 14:12	XW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 22 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

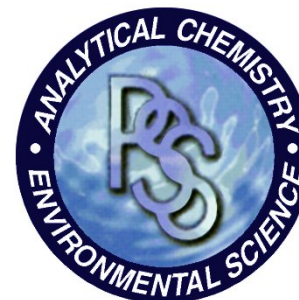
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-1 / 05011306-10 / Water							
Polychlorinated Biphenyls							
Aroclor 1016	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1221	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1232	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1242	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1248	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1254	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1260	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Bis (2-chloroethyl) ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2-Chlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2-Methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Bis (2-chloroisopropyl) ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Acetophenone	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
3,4-Methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
N-Nitroso-di-n-propylamine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Hexachloroethane	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Nitrobenzene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Isophorone	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2-Nitrophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2,4-Dimethylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Bis (2-chloroethoxy) methane	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2,4-Dichlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Naphthalene`	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
4-Chloroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Hexachlorobutadiene`	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Caprolactam	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
4-Chloro-3-methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2-Methylnaphthalene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Hexachlorocyclopentadiene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2,4,6-Trichlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2,4,5-Trichlorophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 21:34	BW
1,1-Biphenyl	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2-Chloronaphthalene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2-Nitroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 23 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

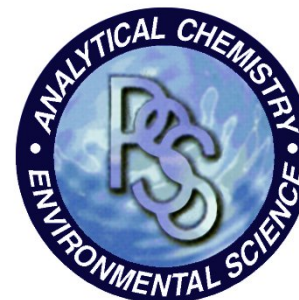
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-1 / 05011306-10 / Water							
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2,6-Dinitrotoluene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Acenaphthylene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
3-Nitroaniline	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 21:34	BW
Acenaphthene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2,4-Dinitrophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 21:34	BW
4-Nitrophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 21:34	BW
Dibenzofuran	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
2,4-Dinitrotoluene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Diethyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Fluorene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
4-Chlorophenyl phenyl ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
4-Nitroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
4,6-Dinitro-2-methylphenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 21:34	BW
N-Nitrosodiphenylamine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
4-Bromophenyl phenyl ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Hexachlorobenzene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Atrazine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Pentachlorophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 21:34	BW
Phenanthrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Carbazole	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Di-n-butyl phthalate	j 2	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Fluoranthene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Butyl benzyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
3,3-Dichlorobenzidine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Benzo (a) anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Chrysene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Bis (2-ethylhexyl) phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Di-n-octyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Benzo (b,k) fluoranthene	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 21:34	BW
Benzo (a) pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Indeno (1,2,3-cd) pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Dibenzo (a,h) anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No. 05011306 Page 24 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

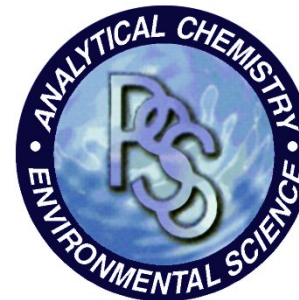
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-1 / 05011306-10 / Water							
Target Compound List - SEMIVOLATILES							
Benzo (g,h,i) perylene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 21:34	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Chloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Vinyl chloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Bromomethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Chloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Trichlorofluoromethane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 15:52	MI
1,1-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Acetone	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 15:52	MI
Carbon Disulfide	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 15:52	MI
Methyl Acetate	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Methylene chloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
trans-1,2-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Methyl-t-Butyl Ether	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,1-Dichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
cis-1,2-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
2-Butanone (MEK)	ND	ug/L	EPA 8260	50	01/13/05	01/13/05 15:52	MI
Chloroform	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,1,1-Trichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Cyclohexane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 15:52	MI
Carbon tetrachloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Benzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,2-Dichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Trichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Methylcyclohexane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 15:52	MI
1,2-Dichloropropane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Bromodichloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
cis-1,3-Dichloropropene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 15:52	MI
Toluene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
trans-1,3-Dichloropropene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,1,2-Trichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Tetrachloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 25 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-1 / 05011306-10 / Water							
Target Compound List - VOLATILES							
2-Hexanone (MBK)	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 15:52	MI
Dibromochloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,2-Dibromoethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Chlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Ethylbenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
m&p-Xylene	ND	ug/L	EPA 8260	2	01/13/05	01/13/05 15:52	MI
o-Xylene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Styrene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Bromoform	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Isopropylbenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,1,2,2-Tetrachloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,3-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,4-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,2-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,2-Dibromo-3-chloropropane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
1,2,4-Trichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Naphthalene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 15:52	MI
Total Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	EPA 8015B	100	01/14/05	01/14/05 19:09	AK
Total Petroleum Hydrocarbons							
TPH	ND	mg/L	1664-SGTHEM	5	01/18/05	01/18/05 14:22	VK
Total Petroleum Hydrocarbons - DRO							
Diesel Range Organics	ND	mg/L	EPA 8015B	0.5	01/17/05	01/18/05 8:39	BW

Notes/Comments:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

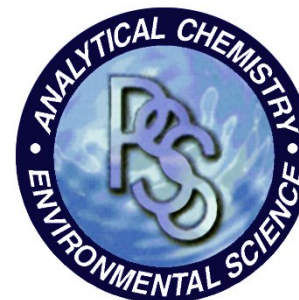
j - estimated value, less than quantitation limit.

Reviewed By:

Quality Assurance Chemist

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CERTIFICATE OF ANALYSIS
No. 05011306 Page 26 of 35
Schnabel Environmental Services
January 21, 2005

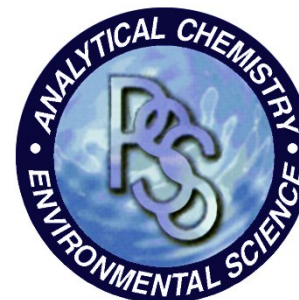
Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05
Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-2 / 05011306-11 / Water							
Dissolved Priority Pollutant Metals							
Antimony	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Arsenic	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Beryllium	ND	ug/L	EPA 6020	4	01/19/05	01/20/05 12:53	LM
Cadmium	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Chromium	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Copper	8.6	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Lead	7.7	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Mercury	ND	ug/L	EPA 6020	1	01/19/05	01/20/05 12:53	LM
Nickel	14	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Selenium	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Silver	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:53	LM
Thallium	ND	ug/L	EPA 6020	2	01/19/05	01/20/05 12:53	LM
Zinc	53	ug/L	EPA 6020	50	01/19/05	01/20/05 12:53	LM
Organochlorine Pesticides							
Aldrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
a-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
b-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
g-BHC (Lindane)	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
d-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
a-Chlordane	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
g-Chlordane	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
4,4-DDD	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
4,4-DDE	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
4,4-DDT	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Dieldrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Endosulfan I	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Endosulfan II	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Endosulfan Sulfate	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Endrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Endrin Aldehyde	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Endrin Ketone	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Heptachlor	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Heptachlor Epoxide	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Methoxychlor	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 14:40	XW
Toxaphene	ND	ug/L	EPA 8081	2	01/14/05	01/17/05 14:40	XW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 27 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

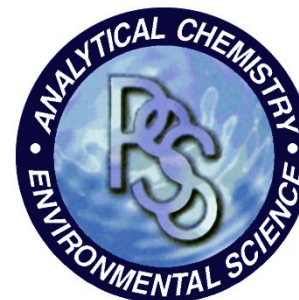
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-2 / 05011306-11 / Water							
Polychlorinated Biphenyls							
Aroclor 1016	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1221	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1232	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1242	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1248	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1254	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Aroclor 1260	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:27	XW
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Bis (2-chloroethyl) ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2-Chlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2-Methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Bis (2-chloroisopropyl) ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Acetophenone	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
3,4-Methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
N-Nitroso-di-n-propylamine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Hexachloroethane	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Nitrobenzene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Isophorone	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2-Nitrophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2,4-Dimethylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Bis (2-chloroethoxy) methane	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2,4-Dichlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Naphthalene`	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
4-Chloroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Hexachlorobutadiene`	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Caprolactam	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
4-Chloro-3-methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2-Methylnaphthalene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Hexachlorocyclopentadiene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2,4,6-Trichlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2,4,5-Trichlorophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:08	BW
1,1-Biphenyl	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2-Chloronaphthalene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2-Nitroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No. 05011306 Page 28 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

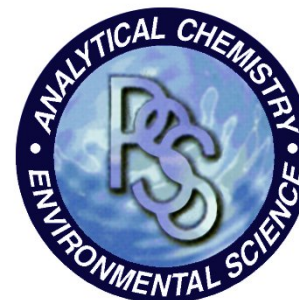
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-2 / 05011306-11 / Water							
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2,6-Dinitrotoluene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Acenaphthylene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
3-Nitroaniline	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:08	BW
Acenaphthene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2,4-Dinitrophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:08	BW
4-Nitrophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:08	BW
Dibenzofuran	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
2,4-Dinitrotoluene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Diethyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Fluorene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
4-Chlorophenyl phenyl ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
4-Nitroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
4,6-Dinitro-2-methylphenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:08	BW
N-Nitrosodiphenylamine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
4-Bromophenyl phenyl ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Hexachlorobenzene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Atrazine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Pentachlorophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:08	BW
Phenanthrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Carbazole	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Di-n-butyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Fluoranthene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Butyl benzyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
3,3-Dichlorobenzidine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Benzo (a) anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Chrysene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Bis (2-ethylhexyl) phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Di-n-octyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Benzo (b,k) fluoranthene	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:08	BW
Benzo (a) pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Indeno (1,2,3-cd) pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Dibenzo (a,h) anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 29 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

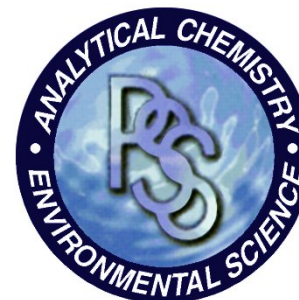
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-2 / 05011306-11 / Water							
Target Compound List - SEMIVOLATILES							
Benzo (g,h,i) perylene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:08	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Chloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Vinyl chloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Bromomethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Chloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Trichlorofluoromethane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 16:17	MI
1,1-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Acetone	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 16:17	MI
Carbon Disulfide	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 16:17	MI
Methyl Acetate	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Methylene chloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
trans-1,2-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Methyl-t-Butyl Ether	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,1-Dichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
cis-1,2-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
2-Butanone (MEK)	ND	ug/L	EPA 8260	50	01/13/05	01/13/05 16:17	MI
Chloroform	1	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,1,1-Trichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Cyclohexane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 16:17	MI
Carbon tetrachloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Benzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,2-Dichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Trichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Methylcyclohexane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 16:17	MI
1,2-Dichloropropane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Bromodichloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
cis-1,3-Dichloropropene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 16:17	MI
Toluene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
trans-1,3-Dichloropropene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,1,2-Trichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Tetrachloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 30 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-2 / 05011306-11 / Water							
Target Compound List - VOLATILES							
2-Hexanone (MBK)	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 16:17	MI
Dibromochloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,2-Dibromoethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Chlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Ethylbenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
m&p-Xylene	ND	ug/L	EPA 8260	2	01/13/05	01/13/05 16:17	MI
o-Xylene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Styrene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Bromoform	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Isopropylbenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,1,2,2-Tetrachloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,3-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,4-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,2-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,2-Dibromo-3-chloropropane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
1,2,4-Trichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Naphthalene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:17	MI
Total Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	EPA 8015B	100	01/14/05	01/14/05 19:42	AK
Total Petroleum Hydrocarbons							
TPH	ND	mg/L	1664-SGTHEM	5	01/18/05	01/18/05 14:21	VK
Total Petroleum Hydrocarbons - DRO							
Diesel Range Organics	ND	mg/L	EPA 8015B	0.5	01/17/05	01/18/05 9:22	BW

Notes/Comments:

PQL - Practical Quantitation Limit

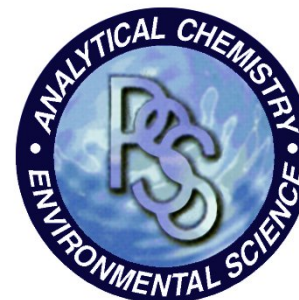
ND - Not Detected at a concentration greater than or equal to the PQL.

Reviewed By:

Quality Assurance Chemist

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 31 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

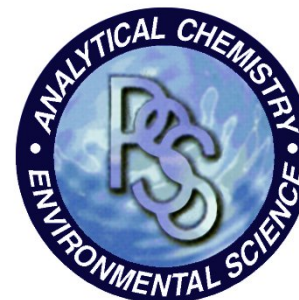
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-3 / 05011306-12 / Water							
Dissolved Priority Pollutant Metals							
Antimony	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Arsenic	30	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Beryllium	ND	ug/L	EPA 6020	4	01/19/05	01/20/05 12:58	LM
Cadmium	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Chromium	24	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Copper	17	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Lead	93	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Mercury	ND	ug/L	EPA 6020	1	01/19/05	01/20/05 12:58	LM
Nickel	31	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Selenium	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Silver	ND	ug/L	EPA 6020	5	01/19/05	01/20/05 12:58	LM
Thallium	ND	ug/L	EPA 6020	2	01/19/05	01/20/05 12:58	LM
Zinc	75	ug/L	EPA 6020	50	01/19/05	01/20/05 12:58	LM
Organochlorine Pesticides							
Aldrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
a-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
b-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
g-BHC (Lindane)	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
d-BHC	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
a-Chlordane	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
g-Chlordane	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
4,4-DDD	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
4,4-DDE	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
4,4-DDT	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Dieldrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Endosulfan I	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Endosulfan II	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Endosulfan Sulfate	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Endrin	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Endrin Aldehyde	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Endrin Ketone	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Heptachlor	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Heptachlor Epoxide	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Methoxychlor	ND	ug/L	EPA 8081	0.08	01/14/05	01/17/05 15:08	XW
Toxaphene	ND	ug/L	EPA 8081	2	01/14/05	01/17/05 15:08	XW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 32 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

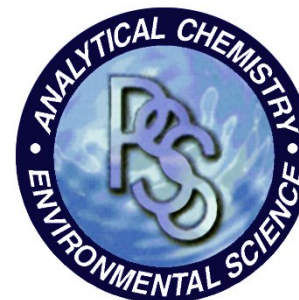
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-3 / 05011306-12 / Water							
Polychlorinated Biphenyls							
Aroclor 1016	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:56	XW
Aroclor 1221	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:56	XW
Aroclor 1232	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:56	XW
Aroclor 1242	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:56	XW
Aroclor 1248	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:56	XW
Aroclor 1254	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:56	XW
Aroclor 1260	ND	ug/L	EPA 8082	0.5	01/14/05	01/17/05 11:56	XW
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Bis (2-chloroethyl) ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2-Chlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2-Methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Bis (2-chloroisopropyl) ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Acetophenone	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
3,4-Methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
N-Nitroso-di-n-propylamine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Hexachloroethane	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Nitrobenzene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Isophorone	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2-Nitrophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2,4-Dimethylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Bis (2-chloroethoxy) methane	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2,4-Dichlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Naphthalene`	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
4-Chloroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Hexachlorobutadiene`	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Caprolactam	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
4-Chloro-3-methylphenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2-Methylnaphthalene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Hexachlorocyclopentadiene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2,4,6-Trichlorophenol	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2,4,5-Trichlorophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:43	BW
1,1-Biphenyl	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2-Chloronaphthalene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2-Nitroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 33 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

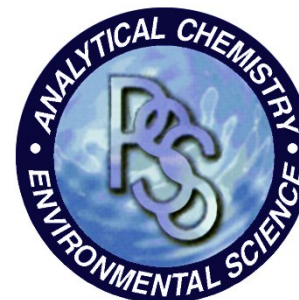
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-3 / 05011306-12 / Water							
Target Compound List - SEMIVOLATILES							
Dimethyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2,6-Dinitrotoluene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Acenaphthylene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
3-Nitroaniline	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:43	BW
Acenaphthene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2,4-Dinitrophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:43	BW
4-Nitrophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:43	BW
Dibenzofuran	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
2,4-Dinitrotoluene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Diethyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Fluorene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
4-Chlorophenyl phenyl ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
4-Nitroaniline	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
4,6-Dinitro-2-methylphenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:43	BW
N-Nitrosodiphenylamine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
4-Bromophenyl phenyl ether	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Hexachlorobenzene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Atrazine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Pentachlorophenol	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:43	BW
Phenanthrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Carbazole	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Di-n-butyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Fluoranthene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Butyl benzyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
3,3-Dichlorobenzidine	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Benzo (a) anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Chrysene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Bis (2-ethylhexyl) phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Di-n-octyl phthalate	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Benzo (b,k) fluoranthene	ND	ug/L	EPA 8270	20	01/17/05	01/17/05 22:43	BW
Benzo (a) pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Indeno (1,2,3-cd) pyrene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Dibenzo (a,h) anthracene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW

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CERTIFICATE OF ANALYSIS

No. 05011306 Page 34 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

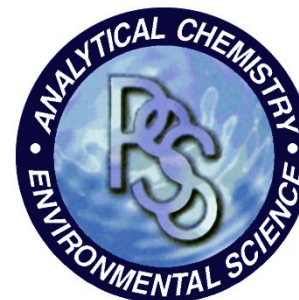
Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-3 / 05011306-12 / Water							
Target Compound List - SEMIVOLATILES							
Benzo (g,h,i) perylene	ND	ug/L	EPA 8270	10	01/17/05	01/17/05 22:43	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Chloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Vinyl chloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Bromomethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Chloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Trichlorofluoromethane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 16:42	MI
1,1-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Acetone	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 16:42	MI
Carbon Disulfide	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 16:42	MI
Methyl Acetate	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Methylene chloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
trans-1,2-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Methyl-t-Butyl Ether	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,1-Dichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
cis-1,2-Dichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
2-Butanone (MEK)	ND	ug/L	EPA 8260	50	01/13/05	01/13/05 16:42	MI
Chloroform	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,1,1-Trichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Cyclohexane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 16:42	MI
Carbon tetrachloride	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Benzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,2-Dichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Trichloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Methylcyclohexane	ND	ug/L	EPA 8260	5	01/13/05	01/13/05 16:42	MI
1,2-Dichloropropane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Bromodichloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
cis-1,3-Dichloropropene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 16:42	MI
Toluene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
trans-1,3-Dichloropropene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,1,2-Trichloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Tetrachloroethene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No. 05011306 Page 35 of 35

Schnabel Environmental Services

January 21, 2005

Project: Georgetown Boathouse
Site Location: Water Street, N.W.
Project Number: 04121249

Date Sampled: 01/11/05

Date Received: 01/13/05 13:54

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB-3 / 05011306-12 / Water							
Target Compound List - VOLATILES							
2-Hexanone (MBK)	ND	ug/L	EPA 8260	10	01/13/05	01/13/05 16:42	MI
Dibromochloromethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,2-Dibromoethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Chlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Ethylbenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
m&p-Xylene	ND	ug/L	EPA 8260	2	01/13/05	01/13/05 16:42	MI
o-Xylene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Styrene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Bromoform	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Isopropylbenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,1,2,2-Tetrachloroethane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,3-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,4-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,2-Dichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,2-Dibromo-3-chloropropane	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
1,2,4-Trichlorobenzene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Naphthalene	ND	ug/L	EPA 8260	1	01/13/05	01/13/05 16:42	MI
Total Petroleum Hydrocarbons							
Gasoline Range Organics	ND	ug/L	EPA 8015B	100	01/14/05	01/14/05 20:14	AK
Total Petroleum Hydrocarbons							
TPH	ND	mg/L	1664-SGTHEM	5	01/18/05	01/18/05 14:23	VK
Total Petroleum Hydrocarbons - DRO							
Diesel Range Organics	ND	mg/L	EPA 8015B	0.5	01/17/05	01/18/05 8:39	BW

Notes/Comments:

PQL - Practical Quantitation Limit

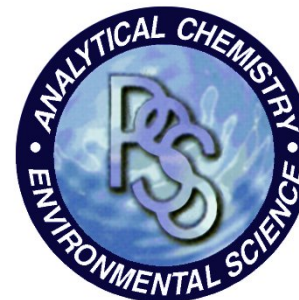
ND - Not Detected at a concentration greater than or equal to the PQL.

Reviewed By:

Quality Assurance Chemist

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No. 05012713 Page 1 of 1

Schnabel Environmental Services

February 7, 2005

Project: Georgetown Boathouse
Site Location: Water Street, NW
Project Number: 04121249

Date Sampled: 1/11/2005

Date Received: 1/27/2005

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: EB 2 (1.0') / 05012713-01 / Soil							
Percent Solids							
Percent Solids	76	%	Gravimetry			01/13/05	CAI
Priority Pollutant Metals							
Antimony	ND	mg/kg	EPA 6020	2.7	02/01/05	02/01/05	LM
Arsenic	6.0	mg/kg	EPA 6020	0.53	02/01/05	02/01/05	LM
Beryllium	ND	mg/kg	EPA 6020	2.7	02/01/05	02/01/05	LM
Cadmium	ND	mg/kg	EPA 6020	2.7	02/01/05	02/01/05	LM
Chromium	16	mg/kg	EPA 6020	2.7	02/01/05	02/01/05	LM
Copper	19	mg/kg	EPA 6020	2.7	02/01/05	02/01/05	LM
Lead	24	mg/kg	EPA 6020	2.7	02/01/05	02/01/05	LM
Mercury	ND	mg/kg	EPA 6020	0.11	02/01/05	02/01/05	LM
Nickel	32	mg/kg	EPA 6020	2.7	02/01/05	02/01/05	LM
Selenium	ND	mg/kg	EPA 6020	2.7	02/01/05	02/01/05	LM
Silver	ND	mg/kg	EPA 6020	2.7	02/01/05	02/04/05	LM
Thallium	ND	mg/kg	EPA 6020	2.1	02/01/05	02/01/05	LM
Zinc	54	mg/kg	EPA 6020	27	02/01/05	02/01/05	LM

Results reported on a dry weight basis where applicable.

Footnotes:

PQL - Practical Quantitation Limit

ND - Not Detected at a concentration greater than or equal to the PQL.

Reviewed By:

Quality Assurance Chemist