



HYDROLOGY GEOLOGY ENGINEERING

March 17, 2005

Mr. Clayton Minnick
General Manager
Frederick Brick Works, Inc.
184 East South Street
Frederick, Maryland 21701

RE: Environmental Inspection of Cline Fill

Dear Clayton:

During the period of March 1 through March 4, 2005 Hydro-Terra inspected the excavation of 29 test pits (TP-5 through TP-34) completed on the Cline fill located in Frederick Maryland on property owned by Frederick Brick. The purpose of the inspection was to ascertain the possible existence of elevated levels of inorganic and organic contaminants in the fill soil and also to assess whether wood present in the fill might result in elevated levels of methane in the fill. The environmental inspection was performed by Thomas R. Mills, a professional engineer and geologist employed by Hydro-Terra.

Field Observations

The test pits were dug to the base of the fill, and the excavated soil was visually inspected for evidence of possible contamination. Additionally, the soil was periodically checked with a photoionization detector (PID) for the presence of organic vapors (excluding methane) indicative of contamination by volatile organic compounds (VOCs). No organic vapors were detected in the soil from any of the inspected test pits. Also, no visual evidence of contamination from organic compounds or inorganic chemicals was noted.

Some wood was observed in the test pits and was estimated to occupy less than one percent of the volume of the fill soil.

Testing of Soil Samples

Composite soil samples were obtained from the excavated soil at three test pits (TP-27, TP-29, and TP-32) and analyzed by Phase Separation Science for the presence of VOCs, semi-volatile organic compounds (SVOCs), and eight metals (RCRA metals). The concentrations of detected constituents were compared to residential and non-

residential cleanup standards for soil developed by the Maryland Department of the Environment (MDE) and used in their Voluntary Cleanup Program.

No VOCs were detected in any of the samples. A few SVOCs, all polynuclear aromatic hydrocarbons (PAHs), were detected in the samples from TP-27 and TP-32. In both cases, the concentrations of the PAHs were below their detection limits and, therefore, are estimated concentrations. None of the PAHs exceed their residential or non-residential cleanup standards. These PAHs are commonly present in urban soils and are mostly formed from the combustion of fossil fuels. No other SVOCs were detected in the samples.

Two metals of potential concern (arsenic and mercury) were detected at concentrations above their cleanup standards. A third metal, total chromium, may also exceed a cleanup standard in one of the test pit samples. Lead and barium were also detected, but at concentrations below their cleanup standards.

MDE's risk-derived residential and non-residential cleanup standards for arsenic are 2.0 and 3.8 parts per million (ppm) or mg/kg, respectively. The detected concentrations were 3.4 ppm at TP-27, 6.3 ppm at TP-29, and 18 ppm at TP-32. All of the concentrations exceed the residential standard, and two also exceed the non-residential standard. The anticipated typical concentration (ATC) or background concentration of arsenic in soil at other sampled sites in Western Maryland (including Frederick County) is reported by MDE to be 11 ppm. The average concentration of arsenic from the three test pit samples is 9.2 ppm. A participant in the voluntary cleanup program can propose to MDE that the ATC be used in place of the cleanup standard.

The residential and non-residential cleanup standards for mercury are 0.1 and 0.12 ppm, respectively. At TP-27 and TP-32, the detected concentrations were 0.13 ppm, slightly above both cleanup standards. No mercury was detected in the sample from TP-29. The average mercury concentration is 0.103 when, as is proper, the metal is assumed to be present at TP-29 at one half the detection limit of 0.1 ppm. The average concentration is still slightly above the residential standard, but below the non-residential standard. No ATC exists for mercury in Western Maryland, but they do exist for Eastern Maryland and Central Maryland at concentrations of 0.51 and 0.14 ppm, respectively.

Total chromium was detected in TP-29 at a concentration that might exceed the residential cleanup standard for one of two types of chromium (chromium VI) that comprise total chromium. The other form of chromium is chromium III. The total concentration of chromium detected at TP-29 was 61 ppm. The residential cleanup standard for chromium VI is 23 ppm, and the non-residential standards is 61 ppm. At TP-29, the non-residential standard is not exceeded, but the residential standard could be exceeded depending on how much chromium VI is present in the sample. At present, the

laboratory is determining the concentration of chromium VI in the TP-29 sample. The result will be reported separately. Total chromium was also detected in the samples from TP-27 and TP-32, but at concentrations that cannot exceed a residential or non-residential standard for any form of chromium.

The laboratory reports are attached to the back of this report.

Conclusions & Recommendations

Based on the amount of wood observed in the fill soil, it is unlikely that methane is present at concentrations of public-health/safety concern in most, if not all, of the fill placed by Cline. However, in the event the fill is to remain, a more definitive determination is recommended. The determination should be made by installing with a Geoprobe 10 to 15 one-inch diameter, gas-monitoring wells to a depth of approximately 12 feet and monitoring the wells for the presence of methane monthly for three months.

The results of the limited sampling and testing of fill soils indicate that at some locations in the fill, metals are present at concentrations above residential and non-residential cleanup standards. However, if the comparative or exposure concentration for metals of potential concern were statistically determined from a larger set of samples, as is the case when assessing human-health risks, it may be found that the exposure concentrations do not exceed the cleanup standards. The relevant exposure concentration for each metal of potential concern would be the 95 percent upper confidence limit of the mean concentration. For a representative exposure concentration to be determined, collection and analysis of samples taken from depths of 0 to 1 and 4 to 5 feet at about 15 locations would probably be needed. If exposure concentration did not exceed cleanup standards, it could be strongly argued that no remediation is required. If one or more concentrations exceeded cleanup standards, a presumptive remedial action would be required over the entire fill. The most appropriate presumptive remedial action allowed by MDE for mixed residential and commercial development would be encapsulation of the fill with three feet of clean soil underlain by a geofabric marker horizon.

For costing purposes, it should be assumed at this time that, in the event the fill stays on Frederick Brick's property, encapsulation will be required. A less likely option in our opinion would be "hot spot" removal.

Prior to MDE's approval of encapsulation or any other remedial option, including use of the fill soil in roadway construction, it is highly probable that downgradient ground-water quality will need to be investigated. This would involve installation of one or two wells near the south end of the property and testing of the water to determine if metals or other constituents of potential concern are leaching into the ground water at concentrations exceeding drinking-water standards.

Mr. Clayton Minnick
March 17, 2005
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Should it be decided that the fill or a portion of the fill should be removed by the state and used for highway construction, another environmental approach involving the entire property should be considered. The approach would be to remove 15 or more feet of material from the Cline fill. Excavation would be followed by the placement on the fill site of a compacted layer of largely inert ash and solid waste removed by other areas on the property and possibly mixed with cement-kiln dust. The waste material would then be covered by 6 to 8 feet of clean soil.

More thorough sampling of the areas containing buried wastes will be required by MDE, and it should be anticipated that some environmental problems will be identified. Should ground-water contamination and/or a methane problem not be found, the remedial outcome in the waste areas will likely be encapsulation. After stabilization of the waste materials, encapsulation could occur in the areas containing the waste or at a deeper depth in the area of the Cline fill, provided, in the latter case, that the state removes all or a portion of the Cline fill. Offsite disposal of waste material would probably cost on the order of \$70 a ton for disposal alone and should be avoided, if at all possible.

Before any further environmental investigation of the Cline fill or any other portions of the property, it is recommended that Frederick Brick participate in MDE's Voluntary Cleanup Program. The entry fee is \$6,000, and, by following their approach, it is expected that analytical costs would be reduced by approximately 40 percent. There is also a liability benefit that would have a beneficial effect on land value.

If you have any questions, please give me a call.

Sincerely,

HYDRO-TERRA, INC.

A handwritten signature in blue ink that reads "Thomas R. Mills". The signature is written in a cursive style with a large initial 'T'.

Thomas R. Mills, PE, PG
President

Trm/05060

1 attachment

cc: T. MacHamer
D. Schestag
J. Cheok

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-1 K
Job # 03905A

Datum MSL
Surf. Elev. 309.6
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schabert
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
309.60	SURFACE	0.0		
	Sandy SILT with brick and rock fragments (ML) [FILL]	2.5		
308.1		3.5		
	Ash	5.0		
303.6		6.0		Natural Ground
	Tan, sandy SILT with rock fragments (ML)	7.5		
302.1				
	Bottom of hole @ 7.5 ft	10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-2 K
Job # 03905A

Datum MSL
Surf. Elev. 307.65
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Data Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
307.65	SURFACE	0.0		
	Silty Sand with Brick, rock fragments, rebar, and trace lumber [FILL] (SM)	2.5		Along Haul Road
		5.0		Photo 1 taken
		7.5		
298.7		9.0		
297.7		10.0		Natural Ground
	Bottom of hole @ 10.0 ft	12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works Test Pit# TP-3 K
Location Frederick, Maryland Job # 03905A

Datum MSL Equipment: PC 220
Surf. Elev. 305.8 Inspector E. Schabert
Date Started March 1, 2005 Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
305.80	SURFACE	0.0		
	Silly rock fragments with metal, plastic bags, brick wood mixed with ash (GM) [FILL]	5.0		Photo 2 taken (excavated material)
		10.0		
		15.0		
285.8		20.0		
284.3		21.5		
		25.0		
		30.0		
		35.0		
		40.0		
		Bottom of hole @ 21.5 ft		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-4 K
Job # 03905A

Datum MSL
Surf. Elev. 302.3
Date Started March 1, 2005

Equipment PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
302.30	SURFACE	0.0		
	Mulch, rock, brick, metal, silty SAND (SM) [FILL]	2.5		Test pit tapers to NG @ grade against tree line beneath thin layer of mulch
		5.0		
295.8	Tan sandy SILT [ML]	6.5		Natural Ground
294.8		7.5		
	Bottom of hole @ 7.5 ft	10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-5 K
Job # 03905A

Datum MSL
Surf. Elev. 307.6
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
307.60	SURFACE	0.0		
	brick, metal, and rock fragments with silty SAND (SM) [FILL]	2.5		
		5.0		
		7.5		
297.6		10.0		Photo 3 taken
297.1		10.5		Bag sample taken @ 10.5 ft Natural Ground
	Bottom of hole @ 10.5 ft	12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-6 K
Job # 03905A

Datum MSL
Surf. Elev. 301.7
Date Started March 1, 2005

Equipment PC 220

Inspector E. Schabert
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
301.70	SURFACE	0.0		
	Brick, rock, metal, etc.; BROWN silty SAND (SM) [FILL]	2.5		Woods
298.2		3.5		Test pit tapers into NG at grade on far wooded side (north)
	Tan, sandy SILT (ML)	4.5		Natural Ground
297.2		5.0		
	Bottom of hole @ 4.5 ft	7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-7 K
Job # 03905A

Datum MSL
Surf. Elev. 306.4
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
306.40	SURFACE	0.0		
	Brick, glass, and metal with ash (FILL)	2.5		Woods Old landfill, not Kline, fill Photo 4 taken
300.9		5.0		
300.4	Tan, sandy SILT (ML)	5.5		
	Bottom of hole @ 6.0 ft	6.0		Natural Ground
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-8 K
Job # 03905A

Datum MSL
Surf. Elev. 309.1
Date Started March 1, 2006

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2006

ELEV.	SOIL DESCRIPTION <i>Color, Moisture, Density, Size, Proportion</i>	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
309.10	SURFACE	0.0		
	Silly SAND with Wood, brick, concrete, rock fragments [FILL] (Kline fill)	2.5		
305.1		4.0		
	Old landfill with trash [FILL]	5.0		
		7.5		
300.6		8.5		
	Refusal on rock @ 8.5 ft	10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-9 K
Job # 03905A

Datum MSL
Surf. Elev. 310.9
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schabert
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
310.90	SURFACE	0.0		
309.9	Mulch	1.0		
	Silty SAND with rock fragments, trace organics (SM) [FILL]	2.5		MDD 124.2 OM 10.6%
306.4	Natural Ground Bottom of hole @ 4.5 ft	4.5		
		5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works Test Pit# TP-10 /K
 Location Frederick, Maryland Job # 03905A

Datum MSL Equipment: PC 220
 Surf. Elev. 306.6
 Date Started March 1, 2005 Inspector E. Schaberl
 Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
306.60	SURFACE	0.0		
305.1	Mulch	1.5		Test pit tapers to mulch from natural ground towards woods
	Tan, sandy SILT with rock fragments (ML)	2.5		
302.6		4.0		
	Bottom of hole @ 4.0 ft	5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
 After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-11 K
Job # 03905A

Datum MSL
Surf. Elev. 300.4
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
300.40	SURFACE	0.0		
	Topsoil = 6"			
297.9	Tan, sandy SILT with rock fragments (ML)	2.5		Base of mulch pile Natural Ground
	Bottom of hole @ 2.5 ft			
		5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-12 K
Job # 03905A

Datum MSL
Surf. Elev. 303.2
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
303.20	SURFACE	0.0		
	Topsoil = 6"			
	Tan, sandy SILT with rock fragments (ML)	2.5		Bottom of hill Natural Ground
300.7	Bottom of hole @ 2.5 ft			
		5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works Test Pit# TP-13 K
 Location Frederick, Maryland Job # 03905A

Datum MSL Equipment: PC 220 Inspector E. Schaberl
 Surf. Elev. 291 Date Completed March 1, 2005
 Date Started March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
291.00	SURFACE	0.0		
	Brown, silty SAND with concrete, brick and debris [FILL]	2.5		Natural Ground
		5.0		
285.0		6.0		
		7.5		
		10.0		
	Bottom of hole @ 6.0 ft	12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
 After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-14 K
Job # 03905A

Datum MSL
Surf. Elev. 278.1
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
278.10	SURFACE	0.0		
	Brown, silty SAND with rock fragments, concrete, and wood (SM) [FILL]	2.5		Woods, toe of hill
		5.0		
		7.5		
269.1		9.0		
268.6		9.5		
	Bottom of hole @ 9.5 ft	10.0		Natural Ground
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-15 K
Job # 03905A

Datum MSL
Surf. Elev. 276.5
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
276.50	SURFACE	0.0		
	Brown, silty SAND, trace brick, rock fragments, and organics (SM) [FILL]	2.5		
273.0		3.0		Natural Ground
273.5	Tan sandy SILT (ML)			
	Bottom of hole @ 3.0 ft	5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-16 K
Job # 03905A

Datum MSL
Surf. Elev. 278.6
Date Started March 1, 2005

Equipment PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
278.60	SURFACE	0.0		
	Fine silty SAND with shot rock (SM) [FILL]	2.5		
		5.0		
271.6		7.0		
	Tan sandy SILT (ML)	7.5		Natural Ground
269.6		9.0		
	Bottom of hole @ 9.0 ft	10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-17 K
Job # 03905A

Datum MSL
Surf. Elev. 272.7
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
272.70	SURFACE	0.0		
	Topsoil = 1"			
	Tan, sandy SILT, trace rock fragments (ML)			Natural Ground
270.2		2.5		
	Bottom of hole @ 2.5 ft			
		5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-18 K
Job # 03905A

Datum MSL
Surf. Elev. 274.8
Date Started March 11, 2005

Equipment PC 220

Inspector E. Schaberl
Data Completed March 11, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
274.80	SURFACE	0.0		
	Topsoil = 0"			Natural Ground
272.8	Tan, sandy SILT, trace rock fragments (ML)	2.0		
	Bottom of hole @ 2.0 ft	2.5		
		5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-19 K
Job # 03905A

Datum MSL
Surf. Elev. 295.8
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
295.80	SURFACE	0.0		
293.3	Shot rock mixed with reddish brown, wet, sandy CLAY (CL) B.O.H. @ 2.5	2.5		Natural Ground
		5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-20 K
Job # 03905A

Datum MSL
Surf. Elev. 280.2
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
280.20	SURFACE	0.0		
278.2	Brown and reddish brown, sandy SILT, trace clay and rock fragments (ML)	2.0		Natural Ground
	B.O.H. @ 2'	2.5		
		5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-21 K
Job # 03905A

Datum MSL
Surf. Elev. 304.8
Date Started March 2, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 2, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
304.80	SURFACE	0.0		
	Brown, silty SAND with rock fragments, concrete, and wood (SM) [FILL]	5.0		Bag sample taken
		10.0		
		15.0		
		20.0		Photo 5 taken
280.3			24.5	
279.8	Tan, sandy SILT (ML)	25.0		Natural Ground
	Bottom of hole @ 25.0 ft			
		30.0		
		35.0		
		40.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-22 K
Job # 03905A

Datum MSL
Surf. Elev. 304.8
Date Started March 2, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 2, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
304.80	SURFACE	0.0		
	Brown to dark brown, silty SAND, trace clay, wood, and rock fragments (ML) [FILL]	5.0		
		10.0		Bag sample taken Photo 6 taken @ stock pile
		15.0		
287.3		17.5		
286.8		18.5		Natural Ground
	Bottom of hole @ 18.5 ft	20.0		
		25.0		
		30.0		
		35.0		
		40.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-23 /K
Job # 03905A

Datum MSL
Surf. Elev. 301.2
Date Started March 1, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 1, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
301.20	SURFACE	0.0		
297.2	Brown, silty SAND with rock fragments, trace brick (SM) [FILL]	4.0		
295.7	Gray brown, GRAVEL with CR-8	5.0		
293.2	Reddish brown, sandy SILT with rock fragments, trace brick (ML) [FILL]	8.0		Photo 6 taken
		10.0		Small bag sample taken at 8.9 ft
	Brown, sandy SILT with large rock, trace brick (ML) [FILL]	15.0		Photo 7 taken
281.2		20.0		
	Sandy CLAY with gravel, trace brick (CL)	25.0		
273.7		27.5		
	Brown, sandy SILT with rock and gravel (ML)	30.0		
268.7		32.5		
267.2	Sandy, wet, CLAY with wood and roots (CL)	34.0		
	Bottom of hole @ 34.0 ft	35.0		Natural Ground
		40.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-34/K
Job # 03905A

Datum MSL
Surf. Elev. _____
Date Started March 4, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 4, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
299.90	SURFACE	0.0		
287.4	Brown, sandy SILT with rock fragments (ML) [FILL]	2.5		
294.9	Brown, silty CLAY with sand and rock fragments (CL) [FILL]	5.0		
292.4	Reddish brown, sandy SILT with rock fragments and concrete (ML) [FILL]	7.5		Perched water @ 6.0 - 7.0 ft
287.4	Silty SAND with rock fragments and brown, sandy CLAY (SM/CL) [FILL]	10.0		
286.4	CR-6 [FILL]	12.5		
		13.5		
		15.0		
279.9	Brown, sandy SILT with rock fragments (ML) [FILL]	20.0		Mix MDD 125.2 OM 11.3
		25.0		
269.9	Gray brown, CLAY with sand and rock fragments (CL) [FILL]	30.0		
268.9	Tan, sandy SILT with rock fragments (ML)	31.0		Natural Ground
	Bottom of hole @ 31.0 ft	35.0		
		40.0		

Ground Water Depth

Encountered n/a
After n/a

HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-A1 K
Job # 03905A

Datum MSL
Surf. Elev. _____
Date Started March 4, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 4, 2005

ELEV.	SOIL DESCRIPTION <i>Color, Moisture, Density, Size, Proportion</i>	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
	SURFACE	0.0		
	Plow zone = 12"			
	Orange brown, clayey SILT (ml)	2.5		
5.0		5.0		
	Bottom of hole @ 5.0 ft			
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-2 K
Job # 03905A

Datum MSL
Surf. Elev. _____
Date Started March 4, 2005

Equipment: PC 220

Inspector E. Schabert
Date Completed March 4, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
	SURFACE	0.0		
	Orange brown, clayey SILT (ML)	2.5		
5.0	Bottom of hole @ 5.0 ft	5.0		
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-A3 K
Job # 03905A

Datum MSL
Surf. Elev. _____
Date Started March 4, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 4, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
	SURFACE	0.0		
	Plow zone = 16"			
	Orange brown, clayey SILT (ML)	2.5		
5.0		5.0		
	Bottom of hole @ 5.0 ft			
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

**HILLIS - CARNES
ENGINEERING ASSOCIATES, INC.**

TEST PIT LOG

Project Frederick Brick Works
Location Frederick, Maryland

Test Pit# TP-A4 K
Job # 03905A

Datum MSL
Surf. Elev. _____
Date Started March 4, 2005

Equipment: PC 220

Inspector E. Schaberl
Date Completed March 4, 2005

ELEV.	SOIL DESCRIPTION Color, Moisture, Density, Size, Proportion	DEPTH SCALE	SAMPLE BLOWS 6"	BORING & SAMPLING NOTES
	SURFACE	0.0		
	Plow zone = 14"			
	Orange brown, clayey SILT (ML)	2.5		
5.0		5.0		
	Bottom of hole @ 5.0 ft			
		7.5		
		10.0		
		12.5		
		15.0		
		17.5		
		20.0		

Ground Water Depth

Encountered n/a
After n/a

March 17, 2005

Mr. Clayton Minnick
General Manager
Frederick Brick Works, Inc.
184 East South Street
Frederick, Maryland 21701

RE: Environmental Inspection of Cline Fill

Dear Clayton:

During the period of March 1 through March 4, 2005 Hydro-Terra inspected the excavation of 29 test pits (TP-5 through TP-34) completed on the Cline fill located in Frederick Maryland on property owned by Frederick Brick. The purpose of the inspection was to ascertain the possible existence of elevated levels of inorganic and organic contaminants in the fill soil and also to assess whether wood present in the fill might result in elevated levels of methane in the fill. The environmental inspection was performed by Thomas R. Mills, a professional engineer and geologist employed by Hydro-Terra.

Field Observations

The test pits were dug to the base of the fill, and the excavated soil was visually inspected for evidence of possible contamination. Additionally, the soil was periodically checked with a photoionization detector (PID) for the presence of organic vapors (excluding methane) indicative of contamination by volatile organic compounds (VOCs). No organic vapors were detected in the soil from any of the inspected test pits. Also, no visual evidence of contamination from organic compounds or inorganic chemicals was noted.

Some wood was observed in the test pits and was estimated to occupy less than one percent of the volume of the fill soil.

Testing of Soil Samples

Composite soil samples were obtained from the excavated soil at three test pits (TP-27, TP-29, and TP-32) and analyzed by Phase Separation Science for the presence of VOCs, semi-volatile organic compounds (SVOCs), and eight metals (RCRA metals). The concentrations of detected constituents were compared to residential and non-

PHASE SEPARATION SCIENCE, INC.

Analytical Chemistry Environmental Science

LABORATORY RESULTS

DATE RECEIVED: March 4, 2005

PROJECT: Frederick Brick, Clinic^E Fill Sampling

CERTIFICATE OF ANALYSIS #: 05030422

PREPARED FOR:

Hydro-Terra, Inc.
9192 Red Branch Rd., Ste. 290
Columbia, MD 21045

March 11, 2005

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 1 of 12
Hydro-Terra Inc.
 March 11, 2005

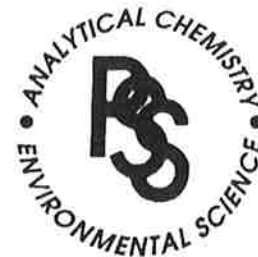
Project: Frederick Brick, Clinic² Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 8:30
 Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-27 / 05030422-01 / Soil							
Percent Solids							
Percent Solids	88	%	Gravimetry		03/07/05	03/07/05 10:47	MW
RCRA Metals							
Arsenic	3.4	mg/kg	EPA 6020	0.46	03/07/05	03/07/05 17:41	LM
Barium	88	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Cadmium	ND	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Chromium	18	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Lead	59	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Mercury	0.13	mg/kg	EPA 6020	0.093	03/07/05	03/07/05 17:41	LM
Selenium	ND	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Silver	ND	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Chlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Acetophenone	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Hexachloroethane	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Nitrobenzene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Isophorone	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Nitrophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Naphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Chloroaniline	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Hexachlorobutadiene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Caprolactam	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW

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CERTIFICATE OF ANALYSIS

No. 05030422 Page 2 of 12

Hydro-Terra Inc.

March 11, 2005

Project: Frederick Brick, Clinic² Fill Sampling

Site Location: Frederick, MD

Project Number: N/A

Date Sampled: 03/03/05 8:30

Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-27 / 05030422-01 / Soil							
Target Compound List - SEMIVOLATILES							
1,1-Biphenyl	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Chloronaphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Acenaphthylene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
3-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
Acenaphthene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
4-Nitrophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
Dibenzofuran	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Diethyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Fluorene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270C	870	03/08/05	03/11/05 6:18	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Atrazine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Pentachlorophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
Phenanthrene	j 75	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Carbazole	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Fluoranthene	j 120	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Pyrene	j 140	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Benzo (a) anthracene	j 84	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Chrysene	j 120	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Benzo (b,k) fluoranthene	j 170	ug/kg	EPA 8270C	760	03/08/05	03/11/05 6:18	BW

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 3 of 12
 Hydro-Terra Inc.
 March 11, 2005

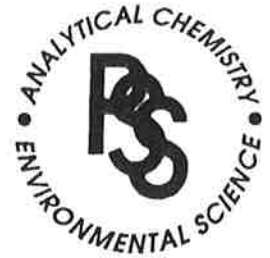
Project: Frederick Brick, Clinic Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 8:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-27 / 05030422-01 / Soil							
Target Compound List - SEMIVOLATILES							
Benzo (a) pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Chloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Vinyl chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Bromomethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Chloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Acetone	ND	ug/kg	EPA 8260B	110	03/07/05	03/07/05 14:28	MI
Carbon Disulfide	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:28	MI
Methyl Acetate	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Methylene chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260B	56	03/07/05	03/07/05 14:28	MI
Chloroform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Cyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Benzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Trichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Methylcyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Bromodichloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:28	MI
Toluene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS
 No. 05030422 Page 4 of 12
Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 8:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Target Compound List - VOLATILES							
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Tetrachloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
2-Hexanone (MBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:28	MI
Dibromochloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Chlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Ethylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
m&p-Xylene	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:28	MI
o-Xylene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Styrene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Bromoform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Isopropylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Naphthalene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI

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.

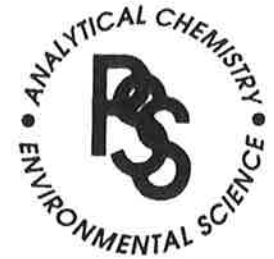
Results reported on a dry weight basis where applicable.

Reviewed By: 

Quality Assurance Chemist

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS
 No. 05030422 Page 5 of 12
Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 14:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-32 / 05030422-02 / Soil							
Percent Solids							
Percent Solids	89	%	Gravimetry		03/07/05	03/07/05 10:48	MW
RCRA Metals							
Arsenic	18	mg/kg	EPA 6020	0.48	03/07/05	03/07/05 17:46	LM
Barium	58	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Cadmium	ND	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Chromium	16	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Lead	25	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Mercury	0.13	mg/kg	EPA 6020	0.097	03/07/05	03/07/05 17:46	LM
Selenium	ND	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Silver	ND	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Chlorophenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Methylphenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Acetophenone	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Hexachloroethane	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Nitrobenzene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Isophorone	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Nitrophenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Naphthalene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Chloroaniline	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Hexachlorobutadiene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Caprolactam	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW

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CERTIFICATE OF ANALYSIS

No. 05030422 Page 6 of 12

Hydro-Terra Inc.

March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling

Site Location: Frederick, MD

Project Number: N/A

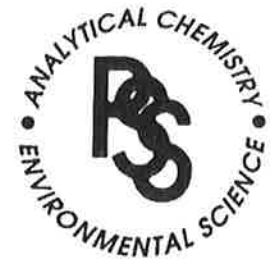
Date Sampled: 03/03/05 14:30

Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-32 / 05030422-02 / Soil							
Target Compound List - SEMIVOLATILES							
1,1-Biphenyl	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Chloronaphthalene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Nitroaniline	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Acenaphthylene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
3-Nitroaniline	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
Acenaphthene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
4-Nitrophenol	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
Dibenzofuran	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Diethyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Fluorene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Nitroaniline	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270C	860	03/08/05	03/11/05 6:47	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Atrazine	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Pentachlorophenol	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
Phenanthrene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Anthracene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Carbazole	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Fluoranthene	j 46	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Pyrene	j 45	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Benzo (a) anthracene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Chrysene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Benzo (b,k) fluoranthene	ND	ug/kg	EPA 8270C	750	03/08/05	03/11/05 6:47	BW

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No. 05030422 Page 7 of 12

Hydro-Terra Inc.

March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

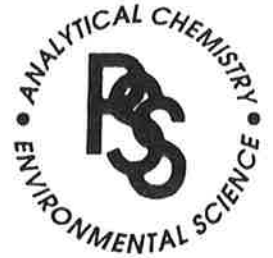
Date Sampled: 03/03/05 14:30

Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-32 / 05030422-02 / Soil							
Target Compound List - SEMIVOLATILES							
Benzo (a) pyrene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Chloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Vinyl chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Bromomethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Chloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Acetone	ND	ug/kg	EPA 8260B	110	03/07/05	03/07/05 14:56	MI
Carbon Disulfide	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:56	MI
Methyl Acetate	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Methylene chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260B	55	03/07/05	03/07/05 14:56	MI
Chloroform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Cyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Benzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Trichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Methylcyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Bromodichloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:56	MI
Toluene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 8 of 12
 Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 14:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-32 / 05030422-02 / Soil							
Target Compound List - VOLATILES							
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Tetrachloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
2-Hexanone (MBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:56	MI
Dibromochloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Chlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Ethylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
m&p-Xylene	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:56	MI
o-Xylene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Styrene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Bromoform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Isopropylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Naphthalene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI

Reviewed By: 

Quality Assurance Chemist

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.

Results reported on a dry weight basis where applicable.

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 9 of 12
Hydro-Terra Inc.
 March 11, 2005

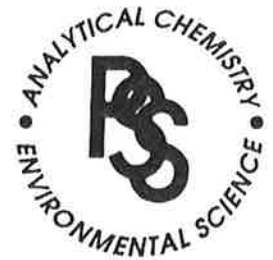
Project: Frederick Brick, Clinic⁸ Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 9:40
 Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-29 / 05030422-03 / Soil							
Percent Solids							
Percent Solids	87	%	Gravimetry		03/07/05	03/07/05 10:48	MW
RCRA Metals							
Arsenic	6.3	mg/kg	EPA 6020	0.52	03/07/05	03/07/05 17:52	LM
Barium	72	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Cadmium	ND	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Chromium	61	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Lead	310	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Mercury	ND	mg/kg	EPA 6020	0.1	03/07/05	03/07/05 17:52	LM
Selenium	ND	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Silver	ND	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Chlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Acetophenone	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Hexachloroethane	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Nitrobenzene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Isophorone	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Nitrophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Naphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Chloroaniline	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Hexachlorobutadiene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Caprolactam	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW

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CERTIFICATE OF ANALYSIS

No. 05030422 Page 10 of 12

Hydro-Terra Inc.

March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

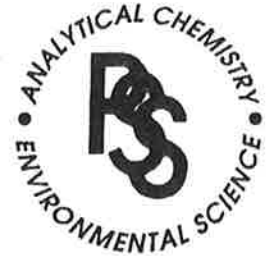
Date Sampled: 03/03/05 9:40

Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-29 / 05030422-03 / Soil							
Target Compound List - SEMIVOLATILES							
1,1-Biphenyl	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Chloronaphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Acenaphthylene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
3-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
Acenaphthene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
4-Nitrophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
Dibenzofuran	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Diethyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Fluorene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270C	880	03/08/05	03/11/05 7:15	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Atrazine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Pentachlorophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
Phenanthrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Carbazole	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Fluoranthene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Benzo (a) anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Chrysene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Benzo (b,k) fluoranthene	ND	ug/kg	EPA 8270C	760	03/08/05	03/11/05 7:15	BW

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 11 of 12
Hydro-Terra Inc.
 March 11, 2005

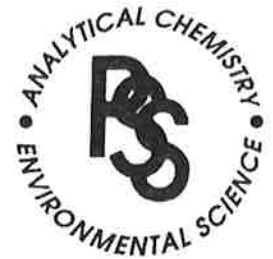
Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 9:40
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-29 / 05030422-03 / Soil							
Target Compound List - SEMIVOLATILES							
Benzo (a) pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Chloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Vinyl chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Bromomethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Chloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Acetone	ND	ug/kg	EPA 8260B	110	03/07/05	03/07/05 15:24	MI
Carbon Disulfide	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 15:24	MI
Methyl Acetate	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Methylene chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260B	57	03/07/05	03/07/05 15:24	MI
Chloroform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Cyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Benzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Trichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Methylcyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Bromodichloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 15:24	MI
Toluene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS
 No. 05030422 Page 12 of 12
Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic^o Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 9:40
 Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-29 / 05030422-03 / Soil							
Target Compound List - VOLATILES							
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Tetrachloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
2-Hexanone (MBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 15:24	MI
Dibromochloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Chlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Ethylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
m&p-Xylene	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 15:24	MI
o-Xylene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Styrene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Bromoform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Isopropylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Naphthalene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	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

PHASE SEPARATION SCIENCE, INC.

Analytical Chemistry Environmental Science

LABORATORY RESULTS

DATE RECEIVED: March 4, 2005

PROJECT: Frederick Brick, Clinic^a Fill Sampling

CERTIFICATE OF ANALYSIS #: 05030422

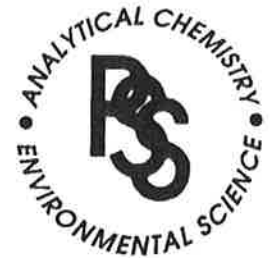
PREPARED FOR:

Hydro-Terra, Inc.
9192 Red Branch Rd., Ste. 290
Columbia, MD 21045

March 11, 2005

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 1 of 12
Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic² Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 8:30
 Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-27 / 05030422-01 / Soil							
Percent Solids							
Percent Solids	88	%	Gravimetry		03/07/05	03/07/05 10:47	MW
RCRA Metals							
Arsenic	3.4	mg/kg	EPA 6020	0.46	03/07/05	03/07/05 17:41	LM
Barium	88	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Cadmium	ND	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Chromium	18	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Lead	59	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Mercury	0.13	mg/kg	EPA 6020	0.093	03/07/05	03/07/05 17:41	LM
Selenium	ND	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Silver	ND	mg/kg	EPA 6020	2.3	03/07/05	03/07/05 17:41	LM
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Chlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Acetophenone	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Hexachloroethane	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Nitrobenzene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Isophorone	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Nitrophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Naphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Chloroaniline	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Hexachlorobutadiene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Caprolactam	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 2 of 12
 Hydro-Terra Inc.
 March 11, 2005

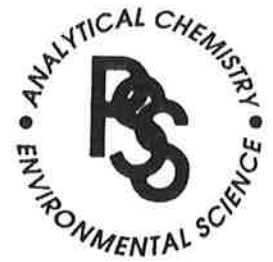
Project: Frederick Brick, Clinic Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 8:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-27 / 05030422-01 / Soil							
Target Compound List - SEMIVOLATILES							
1,1-Biphenyl	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Chloronaphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Acenaphthylene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
3-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
Acenaphthene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
4-Nitrophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
Dibenzofuran	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Diethyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Fluorene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270C	870	03/08/05	03/11/05 6:18	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Atrazine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Pentachlorophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 6:18	BW
Phenanthrene	j 75	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Carbazole	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Fluoranthene	j 120	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Pyrene	j 140	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Benzo (a) anthracene	j 84	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Chrysene	j 120	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Benzo (b,k) fluoranthene	j 170	ug/kg	EPA 8270C	760	03/08/05	03/11/05 6:18	BW

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 Hydro-Terra Inc.
 March 11, 2005

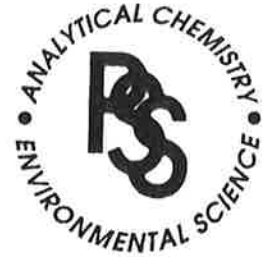
Project: Frederick Brick, Clinic^o Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 8:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-27 / 05030422-01 / Soil							
Target Compound List - SEMIVOLATILES							
Benzo (a) pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 6:18	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Chloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Vinyl chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Bromomethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Chloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Acetone	ND	ug/kg	EPA 8260B	110	03/07/05	03/07/05 14:28	MI
Carbon Disulfide	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:28	MI
Methyl Acetate	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Methylene chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260B	56	03/07/05	03/07/05 14:28	MI
Chloroform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Cyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Benzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Trichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Methylcyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Bromodichloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:28	MI
Toluene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI

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Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 8:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-27 / 05030422-01 / Soil							
Target Compound List - VOLATILES							
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Tetrachloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
2-Hexanone (MBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:28	MI
Dibromochloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Chlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Ethylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
m&p-Xylene	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:28	MI
o-Xylene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Styrene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Bromoform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Isopropylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI
Naphthalene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:28	MI

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.

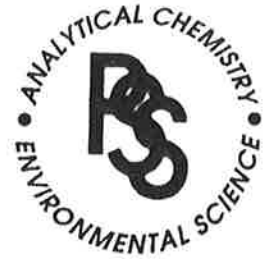
Results reported on a dry weight basis where applicable.

Reviewed By: 

Quality Assurance Chemist

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 No. 05030422 Page 5 of 12
Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 14:30
 Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-32 / 05030422-02 / Soil							
Percent Solids							
Percent Solids	89	%	Gravimetry		03/07/05	03/07/05 10:48	MW
RCRA Metals							
Arsenic	18	mg/kg	EPA 6020	0.48	03/07/05	03/07/05 17:46	LM
Barium	58	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Cadmium	ND	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Chromium	16	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Lead	25	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Mercury	0.13	mg/kg	EPA 6020	0.097	03/07/05	03/07/05 17:46	LM
Selenium	ND	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Silver	ND	mg/kg	EPA 6020	2.4	03/07/05	03/07/05 17:46	LM
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Chlorophenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Methylphenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Acetophenone	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Hexachloroethane	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Nitrobenzene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Isophorone	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Nitrophenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Naphthalene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Chloroaniline	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Hexachlorobutadiene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Caprolactam	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW

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Hydro-Terra Inc.
 March 11, 2005

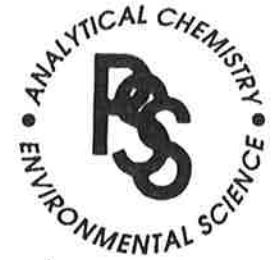
Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 14:30
 Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-32 / 05030422-02 / Soil							
Target Compound List - SEMIVOLATILES							
1,1-Biphenyl	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Chloronaphthalene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2-Nitroaniline	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Acenaphthylene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
3-Nitroaniline	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
Acenaphthene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
4-Nitrophenol	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
Dibenzofuran	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Diethyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Fluorene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Nitroaniline	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270C	860	03/08/05	03/11/05 6:47	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Atrazine	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Pentachlorophenol	ND	ug/kg	EPA 8270C	930	03/08/05	03/11/05 6:47	BW
Phenanthrene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Anthracene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Carbazole	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Fluoranthene	j 46	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Pyrene	j 45	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Benzo (a) anthracene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Chrysene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Benzo (b,k) fluoranthene	ND	ug/kg	EPA 8270C	750	03/08/05	03/11/05 6:47	BW

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 No. 05030422 Page 7 of 12
Hydro-Terra Inc.
 March 11, 2005

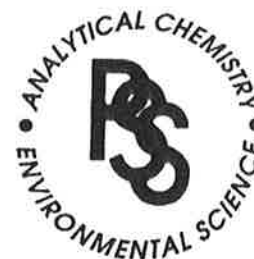
Project: Frederick Brick, Clinic Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 14:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-32 / 05030422-02 / Soil							
Target Compound List - SEMIVOLATILES							
Benzo (a) pyrene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270C	370	03/08/05	03/11/05 6:47	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Chloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Vinyl chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Bromomethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Chloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Acetone	ND	ug/kg	EPA 8260B	110	03/07/05	03/07/05 14:56	MI
Carbon Disulfide	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:56	MI
Methyl Acetate	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Methylene chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260B	55	03/07/05	03/07/05 14:56	MI
Chloroform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Cyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Benzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Trichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Methylcyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Bromodichloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:56	MI
Toluene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 8 of 12
Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 14:30
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-32 / 05030422-02 / Soil							
Target Compound List - VOLATILES							
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Tetrachloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
2-Hexanone (MBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:56	MI
Dibromochloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Chlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Ethylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
m&p-Xylene	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 14:56	MI
o-Xylene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Styrene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Bromoform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Isopropylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI
Naphthalene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 14:56	MI

Reviewed By: 

Quality Assurance Chemist

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.

Results reported on a dry weight basis where applicable.

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CERTIFICATE OF ANALYSIS
 No. 05030422 Page 9 of 12
Hydro-Terra Inc.
 March 11, 2005

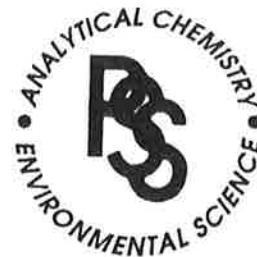
Project: Frederick Brick, Clinic^a Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 9:40
 Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-29 / 05030422-03 / Soil							
Percent Solids							
Percent Solids	87	%	Gravimetry		03/07/05	03/07/05 10:48	MW
RCRA Metals							
Arsenic	6.3	mg/kg	EPA 6020	0.52	03/07/05	03/07/05 17:52	LM
Barium	72	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Cadmium	ND	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Chromium	61	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Lead	310	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Mercury	ND	mg/kg	EPA 6020	0.1	03/07/05	03/07/05 17:52	LM
Selenium	ND	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Silver	ND	mg/kg	EPA 6020	2.6	03/07/05	03/07/05 17:52	LM
Target Compound List - SEMIVOLATILES							
Phenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Bis (2-chloroethyl) ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Chlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Bis (2-chloroisopropyl) ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Acetophenone	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
3,4-Methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
N-Nitroso-di-n-propylamine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Hexachloroethane	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Nitrobenzene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Isophorone	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Nitrophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4-Dimethylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Bis (2-chloroethoxy) methane	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4-Dichlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Naphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Chloroaniline	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Hexachlorobutadiene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Caprolactam	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Chloro-3-methylphenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Methylnaphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Hexachlorocyclopentadiene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4,6-Trichlorophenol	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4,5-Trichlorophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS
 No. 05030422 Page 10 of 12
Hydro-Terra Inc.
 March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

Date Sampled: 03/03/05 9:40
 Date Received: 03/04/05 15:52

Sample ID:	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
TP-29 / 05030422-03 / Soil							
Target Compound List - SEMIVOLATILES							
1,1-Biphenyl	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Chloronaphthalene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
Dimethyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,6-Dinitrotoluene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Acenaphthylene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
3-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
Acenaphthene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4-Dinitrophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
4-Nitrophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
Dibenzofuran	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
2,4-Dinitrotoluene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Diethyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Fluorene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Chlorophenyl phenyl ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Nitroaniline	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
4,6-Dinitro-2-methylphenol	ND	ug/kg	EPA 8270C	880	03/08/05	03/11/05 7:15	BW
N-Nitrosodiphenylamine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
4-Bromophenyl phenyl ether	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Hexachlorobenzene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Atrazine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Pentachlorophenol	ND	ug/kg	EPA 8270C	950	03/08/05	03/11/05 7:15	BW
Phenanthrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Carbazole	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Di-n-butyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Fluoranthene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Butyl benzyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
3,3-Dichlorobenzidine	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Benzo (a) anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Chrysene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Bis (2-ethylhexyl) phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Di-n-octyl phthalate	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Benzo (b,k) fluoranthene	ND	ug/kg	EPA 8270C	760	03/08/05	03/11/05 7:15	BW

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PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No. 05030422 Page 11 of 12

Hydro-Terra Inc.

March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling
 Site Location: Frederick, MD
 Project Number: N/A

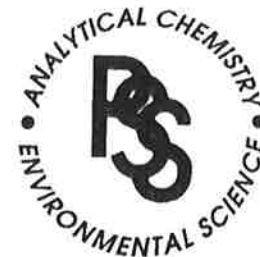
Date Sampled: 03/03/05 9:40

Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-29 / 05030422-03 / Soil							
Target Compound List - SEMIVOLATILES							
Benzo (a) pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Indeno (1,2,3-cd) pyrene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Dibenzo (a,h) anthracene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Benzo (g,h,i) perylene	ND	ug/kg	EPA 8270C	380	03/08/05	03/11/05 7:15	BW
Target Compound List - VOLATILES							
Dichlorodifluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Chloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Vinyl chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Bromomethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Chloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Trichlorofluoromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Acetone	ND	ug/kg	EPA 8260B	110	03/07/05	03/07/05 15:24	MI
Carbon Disulfide	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 15:24	MI
Methyl Acetate	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Methylene chloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
trans-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Methyl-t-Butyl Ether	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
cis-1,2-Dichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
2-Butanone (MEK)	ND	ug/kg	EPA 8260B	57	03/07/05	03/07/05 15:24	MI
Chloroform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1,1-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Cyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Carbon tetrachloride	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Benzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Trichloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Methylcyclohexane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dichloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Bromodichloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
cis-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
4-Methyl-2-Pentanone (MIBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 15:24	MI
Toluene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI

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CERTIFICATE OF ANALYSIS

No. 05030422 Page 12 of 12

Hydro-Terra Inc.

March 11, 2005

Project: Frederick Brick, Clinic^e Fill Sampling

Site Location: Frederick, MD

Project Number: N/A

Date Sampled: 03/03/05 9:40

Date Received: 03/04/05 15:52

	Result	Unit	Method	PQL	Prepared	Analyzed	Init.
Sample ID: TP-29 / 05030422-03 / Soil							
Target Compound List - VOLATILES							
trans-1,3-Dichloropropene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1,2-Trichloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Tetrachloroethene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
2-Hexanone (MBK)	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 15:24	MI
Dibromochloromethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dibromoethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Chlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Ethylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
m&p-Xylene	ND	ug/kg	EPA 8260B	11	03/07/05	03/07/05 15:24	MI
o-Xylene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Styrene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Bromoform	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Isopropylbenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,1,2,2-Tetrachloroethane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,3-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,4-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2-Dibromo-3-chloropropane	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
1,2,4-Trichlorobenzene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI
Naphthalene	ND	ug/kg	EPA 8260B	6	03/07/05	03/07/05 15:24	MI

Reviewed By: 

Quality Assurance Chemist

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.