

XTRA



National Fuel

RECEIVED

January 13, 2003

JAN 15 2003

NYSDEC - REG. 9
FOIL
REL UNREL

Jaspal Walia
New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2399

Re: Data From Bedrock Well/Geoprobe and Monitoring Well
National Fuel Gas Former Buffalo Service Center
249 West Genesee Street
Buffalo, New York
Site Number V00362-9 / C-915194

Dear Mr. Walia:

Enclosed is a copy of the data you requested as a result of the work performed under the June 28, 2002 Work Plan. An addendum to the January, 2002 Investigation Results Report was not issued. Please note that most of the enclosed data is a duplicate of the information disseminated in the FFSs, which you have received.

Sincerely,

James A. Clark
James A. Clark
Engineer

EDG

JAC:edg

Enclosures

cc: A. Carlson - NYSDOH
C. O'Connor - NYSDOH
A. English - NYSDEC
M. Doster - NYSDEC
M. Desmond - NYSDEC
M. Alston - BOE
B. Rua - BOE
D. Sutton - BOE
T. Alexander - NFG
D. Flynn - Phillips, Lytle
File: NFGD - 15797-100

Drilling Logs

Drilling Log

Soil Boring **GP - 28**

Page: 1 of 1

Project NFG - Buffalo Owner National Fuel & Gas
 Location 249 West Genessee Street, Buffalo, NY Proj. No. 805808
 Surface Elev. NA Total Hole Depth 20.0 ft. North _____ East _____
 Top of Casing NA Water Level Initial ▽ 8.0 ft. Static NA Diameter 2.25 in.
 Screen: Dia NA Length NA Type/Size NA
 Casing: Dia NA Length NA Type NA
 Fill Material Bentonite Rig/Core _____
 Drill Co. SLC Method Geoprobe
 Driller G. Janik Log By M. Flanagan Date 8/13/02 Permit # NA
 Checked By _____ License No. _____

COMMENTS
Southwest corner of courtyard.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						Grass, roots, brown, medium grain, sand, little silt, dry.
2	0.4	75%			SP	
4						Brown-gray, fine grain, sand, some silt, trace sub-rounded gravel. Grades with depth to a black, fine grain, sand, some silt, petro odors detectable on cuttings, bottom six inches are wet.
6	14.3	45%			SP	
8	▽					Black, medium grain, sand, some subrounded cobble, trace brick, visible sheen on cobbles, wet, detectable odors.
10	81.4	50%			SP	
12						Black, medium grain, sand, some subrounded gravel, little fractured brick, bottom four inches encounter a lense of black silt, little clay, "coal tar - like" odor detectable, wet.
14	157.0	65%			SP SM	
16						Black, medium grain, sand, little subrounded gravel, at ~17 feet grades to black-gray fine grain, sand, some silt. At ~18 feet encounter a brown clay, slight-medium density, wet.
18	34.6	95%			SP SM	
20						Terminate boring at 20 feet. Collect 12-16 foot interval for sample analysis.
22						
24						

Drilling Log

Soil Boring **GP - 29**

Page: 1 of 1

Project NFG - Buffalo Owner National Fuel & Gas
 Location 249 West Genessee Street, Buffalo, NY Proj. No. 805808
 Surface Elev. NA Total Hole Depth 16.0 ft. North _____ East _____
 Top of Casing NA Water Level Initial 12.0 ft. Static NA Diameter 2.25 in.
 Screen: Dia NA Length NA Type/Size NA
 Casing: Dia NA Length NA Type NA
 Fill Material Bentonite Rig/Core _____
 Drill Co. SLC Method Geoprobe
 Driller G. Janik Log By M. Flanagan Date 8/13/02 Permit # NA
 Checked By _____ License No. _____

COMMENTS

Just north of GP-28 and in-line with the bend of the courtyard wall.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						Brown, medium grain, sand, little silt, last 2 inches encounter brown, medium grain, sand, some subrounded gravel, dry.
2	0	65%			SP	
4						Dark brown-gray, fine grain, sand, some clay. Clay content increases with depth, slight odor, moist.
6	0.2	65%			SP	
8						Brown-gray, silt, little fine grain, sand, some brown, clay, medium density, trace fine grain sand in clay, slight odor, moist.
10	0	55%			SP SM	
12						Brown-gray, silt, trace fine grain, sand, at ~14 feet encounter brown-gray clay, medium density, wet on top of sample.
14	0	65%			SM	
16						Terminate boring at 16 feet. Collect 8-12 foot interval for sample analysis.
18						
20						
22						
24						

Drilling Log

Soil Boring **GP - 30**

Page: 1 of 1

Project NFG - Buffalo Owner National Fuel & Gas
 Location 249 West Genessee Street, Buffalo, NY Proj. No. 805808
 Surface Elev. NA Total Hole Depth 16.0 ft. North East
 Top of Casing NA Water Level Initial ▽ 12.0 ft. Static NA Diameter 2.25 in.
 Screen: Dia NA Length NA Type/Size NA
 Casing: Dia NA Length NA Type NA
 Fill Material Bentonite Rig/Core
 Drill Co. SLC Method Geoprobe
 Driller G. Janik Log By M. Flanagan Date 8/13/02 Permit # NA
 Checked By License No.

COMMENTS
 Adjacent to the tree and the grass patch.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						
2	0	75%			SP	Brown, medium grain, sand, some subrounded gravel, trace brick in last 3-4 inches. Grades with depth to a dark brown, medium grain sand, some subrounded gravel, dry.
4						
6	0	90%			SP SM	Dark brown, medium grain, sand, some subrounded gravel, grades to brown-gray silt, some fine grain, sand. At ~ 7 feet encounter brown-gray silt, some clay, dry.
8						
10	0	95%			CL ML	Brown-gray silt with alternating lenses of brown clay with traces of fine grain sand, moist.
12	▽					
14	0	95%			CL ML	Brown-gray, clay, with alternating lenses of fine grain sand with some silt, wet.
16						Terminate boring at 16 feet. Collect 8-12 foot interval for sample analysis.
18						
20						
22						
24						



Shaw
Environmental, Inc.

Drilling Log

Soil Boring **GP - 31**

Page: 1 of 1

Project NFG - Buffalo Owner National Fuel & Gas
Location 249 West Genessee Street, Buffalo, NY Proj. No. 805808
Surface Elev. NA Total Hole Depth 20.0 ft. North _____ East _____
Top of Casing NA Water Level Initial ▽ 8.0 ft. Static NA Diameter 2.25 in.
Screen: Dia NA Length NA Type/Size NA
Casing: Dia NA Length NA Type NA
Fill Material Bentonite Rig/Core _____
Drill Co. SLC Method Geoprobe
Driller G. Janik Log By M. Flanagan Date 8/13/02 Permit # NA
Checked By _____ License No. _____

COMMENTS

Near center of the courtyard,
with in the island extending west
from the building.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						Grass, grass root, dark brown, medium grain, sand, some silt, some subrounded gravel, last 6 inches contains a slight clay content, slight "coal tar" like odor, moist.
2	4.9	60%			SP	
4						Black, medium grain, sand, some subrounded gravel, at ~ 7 feet encounter black, fine grain, sand, some silt, trace subrounded gravel, sheen observed on the soil, detectable "coal tar" odor, wet.
6	23.6	50%			SP	
8	▽					Black, medium grain, sand, some subrounded gravel, visible sheen observed on soil, detectable "coal tar" odor, wet. (DEC describing this interval as typical of what they're defining as "waste".)
10	8.7	75%			SP	
12						Black, medium grain, sand, some subrounded gravel, visible "oil-like" material on soil, detectable "coal tar" like odor, wet.
14	24.7	85%			SP	
16						Brown-gray, fine grain sand, some silt, dense soils, slight "coal tar" odor, wet.
18	7.2	65%			SM	
20						Terminate boring at 20 feet. Collect the 12-16 foot interval for sample analysis. Collect "Dupe A" from 12-16 as well.
22						
24						

Drilling Log

Soil Boring **GP - 32**

Page: 1 of 1

Project NFG - Buffalo Owner National Fuel & Gas
 Location 249 West Genessee Street, Buffalo, NY Proj. No. 805808
 Surface Elev. NA Total Hole Depth 20.0 ft. North _____ East _____
 Top of Casing NA Water Level Initial ▽ 5.5 ft. Static NA Diameter 2.25 in.
 Screen: Dia NA Length NA Type/Size NA
 Casing: Dia NA Length NA Type NA
 Fill Material Bentonite Rig/Core _____
 Drill Co. SLC Method Geoprobe
 Driller G. Janik Log By M. Flanagan Date 8/13/02 Permit # NA
 Checked By _____ License No. _____

COMMENTS
 Adjacent to the tree and the school.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						Brown, medium grain, sand, trace subrounded gravel, trace brick, dry.
2	1.1	50%			SP	
4						Black, medium grain, sand, some subrounded gravel, trace brick, sheen observed on soil, detectable "coal tar" odor, wet at ~ 5.5 feet.
6	8.3	65%			SP	
8						Black, medium grain, sand, some subrounded gravel, trace cobble, sheen observed on soil, trace wood, strong "coal tar" odor, wet.
10	28.2	50%			SP	
12						Black, medium grain, sand, some subrounded gravel, trace subrounded cobble, sheen on soil and acetate liner, trace wood, strong "coal tar" odor, wet.
14	27.4	40%			SP	
16						Black, medium grain, sand, some subrounded gravel, sheen in the acetate liner. At ~18 feet encounter brown silt, some clay, trace subrounded cobble in clay, wet.
18	9.7	95%			SP SM	
20						Terminate boring at 20 feet. Collect 16-18 foot interval for sample analysis.
22						
24						

Drilling Log

Soil Boring **GP - 33**

Page: 1 of 1

Project NFG - Buffalo Owner National Fuel & Gas
 Location 249 West Genessee Street, Buffalo, NY Proj. No. 805808
 Surface Elev. NA Total Hole Depth 16.0 ft. North _____ East _____
 Top of Casing NA Water Level Initial ▽ 12.0 ft. Static NA Diameter 2.25 in.
 Screen: Dia NA Length NA Type/Size NA
 Casing: Dia NA Length NA Type NA
 Fill Material Bentonite Rig/Core _____
 Drill Co. SLC Method Geoprobe
 Driller G.Janik Log By M.Flanagan Date 8/13/02 Permit # NA
 Checked By _____ License No. _____

COMMENTS
 Northeast corner of the
 courtyard, just east of the shrub.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						Grass, grass roots, brown, fine grain, sand, little silt, trace clay content, trace brick, dry.
2	1.2	90%			SP	
4						Brown, fine grain, sand, little silt, trace clay, trace wood, slight "coal tar" odor, moist.
6	1.1	75%			SP	
8						Brown-gray, clay, some silt, medium density, wet at base.
10	1.2	95%			CL ML	
12						Brown-gray, clay with alternating lenses of brown silt, wet.
14	1.9	95%			CL ML	
16						Terminate boring at 16 feet. Collect 4-8 foot interval for sample analysis.
18						
20						
22						
24						

Drilling Log

Soil Boring **GP - 34**

Page: 1 of 1

Project NFG - Buffalo Owner National Fuel & Gas
 Location 249 West Genessee Street, Buffalo, NY Proj. No. 805808
 Surface Elev. NA Total Hole Depth 16.0 ft. North East
 Top of Casing NA Water Level Initial ▽ 12.0 ft. Static NA Diameter 2.25 in.
 Screen: Dia NA Length NA Type/Size NA
 Casing: Dia NA Length NA Type NA
 Fill Material Bentonite Rig/Core
 Drill Co. SLC Method Geoprobe
 Driller G. Janik Log By M. Flanagan Date 8/13/02 Permit # NA
 Checked By License No.

COMMENTS
 North courtyard, just west of the shrub.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						Brown-dark brown, fine grain, sand, little subrounded gravel, trace brick, dry.
2	1.1	55%			SP	
4						Brown-gray, fine grain, sand, some silt, last 4 inches encounter brown-gray silt, some clay, trace brick, faint petro odor, moist.
6	1.2	65%			SP SM	
8						Brown-gray, fine grain, sand, some brown, clay, medium density, trace silt, moist.
10	1.3	45%			SP SM	
12	▽					Brown, clay, lense of fine grain, sand, some silt, wet.
14	1.3	90%			CL ML	
16						Terminate boring at 16 feet. Collect 8-12 foot interval for sample analysis.
18						
20						
22						
24						

Drilling Log

Soil Boring **GP - 35**

Page: 1 of 1

Project NFG - Buffalo Owner National Fuel & Gas
 Location 249 West Genessee Street, Buffalo, NY Proj. No. 805808
 Surface Elev. NA Total Hole Depth 20.0 ft. North _____ East _____
 Top of Casing NA Water Level Initial ▽ 12.0 ft. Static NA Diameter 2.25 in.
 Screen: Dia NA Length NA Type/Size NA
 Casing: Dia NA Length NA Type NA
 Fill Material Bentonite Rig/Core _____
 Drill Co. SLC Method Geoprobe
 Driller G. Janik Log By M. Flanagan Date 8/13/02 Permit # NA
 Checked By _____ License No. _____

COMMENTS
 Located outside of the courtyard
 , adjacent to the overhang and
 between GP-26 & GP-27.

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						Concrete first 4 inches, dark brown, medium grain, sand, some subrounded gravel, trace brick, trace wood, dry.
2	7.4	50%			SP	
4						~ First 6 inches encounter black, medium grain, sand, some subrounded gravel, grades to a brown clay, some silt, slight density, slight "coal tar" odor, moist.
6	254.0	55%			SP SM	
8						Brown-gray clay, some silt, grades with depth to a black silt, some silt, trace subrounded gravel, slight "coal tar" odor, moist.
10	901.0	40%			CL ML	
12	▽					No recovery.
14		0%				
16						Black, medium grain, sand, some subrounded gravel, trace wood, visible sheen on soil, detectable odor, last 4 inches encounter brown silt, wet.
18	895.0	95%			SP	
20						Terminate boring at 20 feet. Collect the 16-20 foot interval for sample analysis.
22						
24						



The Shaw Group Inc.

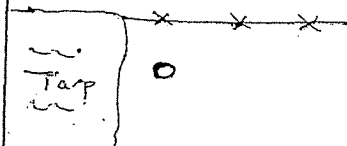
Shaw Environmental & Infrastructure, Inc.
13 British American Boulevard Latham, NY 12110-1405

Sample

Project NEG - Buffalo Owner _____
Location 249 West Genesee Proj. No. 305805
Surface Elev. _____ Total Hole Depth ft Diameter 6"
Top of Casing _____ Water Level Initial _____ Static _____
Screen: Dia _____ Length _____ Type/Size _____
Casing: Dia _____ Length _____ Type _____
Fill Material _____ Rig/Core _____
Drill Co. Parratt Wolfe Method HSA / core
Driller Bon Bush Log By MEF Date 8/14/02 Permit # _____
Checked By _____ License No. _____

See Site Map BDR-2
For Boring Location

COMMENTS:



Depth (ft.)	PID (ppm)	Sample ID	Blow Count/ Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2						
0	12.3	5, 14, 16, 11	10"		SP 0-2	Brown med. grain sand, some sub rounded gravel trace brick, dry
2	9.4	7-50	9"		SP 2-4	Brown, med grain sand, some sub rounded gravel dry.
4	6.5	2, 2, 2, 3	11"		SP 4-6	Brown gray fine grain sand, some silt, small horz of fractured rock, @ bottom of spoon the silty sand has some clay content, slight odor - moist
6	11.4	3, 2, 2, 4	6"		SM 6-8	Dark brown-black fine grain sand, some silt, trace of subrounded gravel, slight petro-like odor - moist
8	19.4	2, 2, 1, 2	14"		8-10	Dark brown, fine grain sand, some silt, trace clay - slight den., trace peat, slight petro odor
10	20.1	1, 1, 1, 2	12"		10-12	Brown-gray clay, little silt, slight den, trace wood, moist,
12	32.9	2, 2, 3, 4	21"		12-14	Gray-brown silt, little fine grain sand, grades to a gray clay - med dens w/ 2 small lenses of silt, moist. - slight odor
14	34.	3, 3, 4, 3	18"		14-16	Brown silt, little fine grain sand, alternating brown clay lenses (2"). Moist
16	25.0	9, 11, 11, 20	22"		16-18	Brown-gray silt, little fine grain sand, WET slight petro odor
18	37.4	7, 10, 10, 6	22"		18-20	Brown-gray silt, little fine grain sand, WET very slight odor (coal tar-like)
20	28.5	3, 5, 5, 5	19"		20-22	Brown gray silt, grades to brown clay, trace subrounded pebble, wet med den
22		50 For				
24		.2				22-24 Material From above. Refusal at 22.2 Top of Bedrock



The Shaw Group Inc.™

Shaw Environmental & Infrastructure, Inc.
13 British American Boulevard Latham, NY 12110-1405

Sample

BDR-2

Project NFG - Buffalo

Owner

Location 249 West Genessee St., Buffalo

Proj. No. 805808

Depth (ft.)	PID (ppm)	Sample ID Blow Count & Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure)
					Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
24	NA				27.5 - 27.5 R1 = 98% recovery 78% RQD Eimestone, Dark grey 1st 2' natural fractures, calcite precipitate on surfaces @ 2' 1" core fossil, no apparent bedding plane to separate non fossiliferous top 2' from bottom 3'. Last 3' fossiliferous limestone w/ little marbling throughout. Natural fractures @ 3 1/2' and 4 1/4' Another core fossil at bottom of rock From 3 - 5' several hair like veins, filled. Core @ 4.5', some chert on fracture surfaces, very hard, high quartz content (sparkly).
26					
28					
30					27.5 32.5 100% REC 88% RQD 0-1' Dark grey limestone natural fracture @ 1' w/ core fossil Very competent, hard limestone, less fossils, marbled texture throughout 1st foot, hair like chert filled fractures 2 white, hair like veins running through core, (probably quartz), marbled texture, entire interval whole 2-3 Possible bedding plane @ 2.5', 2 natural fractures, chert on resurface only, conchoidal fracture - less fossils 3-4 Several hair like filled fractures throughout interval, some marbled texture, natural fractures no precipitate on surface, no apparent bedding planes 4-5 Same as 3-4' Rig lost H ₂ O @ 32.5
32					
34					
36					
38					
40					
42					
44					
46					
48					
50					
52					
54					
56					



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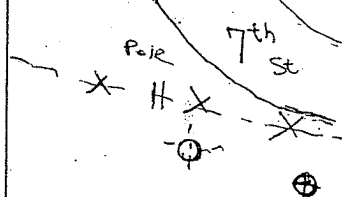
Shaw Environmental & Infrastructure, Inc.
13 British American Boulevard Latham, NY 12110-1405

Sample

Project NFG - Buffalo Owner _____
Location West Genesee St Proj. No. 805803
Surface Elev. _____ Total Hole Depth ft. Diameter 4 1/4" auger
Top of Casing _____ Water Level Initial _____ Static _____
Screen: Dia _____ Length _____ Type/Size _____
Casing: Dia _____ Length _____ Type _____
Fill Material _____ Rig/Core _____
Drill Co. Parratt Wolf Method _____
Driller Ron Log By M. Flanagan Date 8/12/02 Permit # _____
Checked By _____ License No. _____

See Site Map BDR-3
For Boring Location

COMMENTS:



Depth (ft.)	PID (ppm)	Sample ID	Blow Count/ Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2						
0	0	10, 10, 7, 7	16"		SP	0-2' ^{g root} Asphalt Dark brown, med sand, some sub-rounded gravel trace silt. dry.
2	0	6, 5, 6, 5	6"		SP	2-4' Dark brown, med grain, sand, some sub-rounded gravel, trace silt, dry. Trace brick
4	0	60 32 10, 8	10"		SP	4-6' Brown med grain sand, some sub rounded gravel little cobble, trace brick, dry
6	0	6, 11, 10, 10	12"		SM	6-8' Brown-gray. fine grain sand, little silt, moist
8	0	6, 3, 2, 2	12"			8-10' Brown-gray, fine grain sand, little silt, moist
10	0	1, 1, 11, 25	20"			last 6" encounter Brown gray silt, little clay. Small 1" lense of black stained soil no odor
12	0	23 26 28 31	22"		SM	10-12' Brown-gray silt, some clay - med. den, last 4" Brown gray silt, trace fine grain sand, moist
14	0	6, 10, 9, 10	22"		SM	12-14' Brown-gray silt, little clay - slight den. At bottom of spoon - slight odor. brown stain.
16	0	11, 16, 17, 21	24"		SM	14-16' Brown gray silt, little fine grain sand. moist
18	0	25, 8, 15, 61	19"		CL	16-18' Brown gray silt, little fine grain sand, moist small lense of clay at bottom of spoon
20	-	50 for 1 1/2"				18-20' Brown gray clay, little silt, some sub-rounded gravel. moist
22						20-20' Top of bedrock @ 20' Fractured bedrock in bottom of shoe, 'limestone - HCL test
24						20-25' Rock Socket R1 = % Rec = 88% % RQD = 61%

Rock Socket 4" using



The Shaw Group Inc.™

Shaw Environmental & Infrastructure, Inc.
13 British American Boulevard Latham, NY 12110-1405Sample
BDR-3Project NFG - Buffalo

Owner _____

Location West Genesee StProj. No. 805802

Depth (ft.)	PID (ppm)	Sample ID Blow Count/ X Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-24		Rock Socket 4" (using)			2nd foot, dark grey limestone. Natural fracture @ 1.2' fossils on fracture hair like fractures, filled throughout 1st. 4" Coral fossil @ 1.5', stained, faint odor. Void spaces from fossil stained black, yellow odor associated w/ void spaces
-26		Bedrock →			2-3' Coral still top 1". Stained, odor, ~~with~~ Entire interval whole, ~~no~~ fracture @ top of 3-4'. Grey fossiliferous limestone no apparent bedding planes, no precipitate on fractures. Several hair like filled fractures present.
-28		open hole 10'			3-4' Entire interval whole, grey limestone, no apparent bedding planes, marbled texture throughout, Several filled hair fractures. No precip.
-30					4-5' Some darker → lighter banded intervals, natural fracture @ 4.2' & 4.5' no precipitate on conchoidal surfaces. Several filled hair like fractures present
-32					25-30' R2 100% REC 85% RQD
-34					0-1' Higher chert (black) concentration. 2 natural fractures no precip. Dark Grey limestone, fossiliferous Dark → light banding, hair like filled fractures (several) @ 1.5'
-36		EOH → 35'			1-2' More fossils, banding natural fracture @ 2.5' feet chert hair like filled fractures fracture surface
-38					2-3' Dark grey, more marbled appearance, natural fracture @ 2.5' chert on fracture surface. At fracture, possible bedding plane abrupt change from banded appearance to marbled appearance
-40					3-4' Marbled appearance, fossiliferous, @ 3.1' natural fracture due to large coral fossil ~ 3-4" long, void spaces both filled & unfilled, quartz crystals within void space at top of coral
-42					4-5' Fossiliferous, marbled appearance hair like filled fractures throughout. Last entire foot is one whole piece, ~~the~~
-44					Lost H ₂ O @ 4'
-46					30-35 90 REC 100% RQD = 91%
-48					Dark grey fossiliferous limestone 0-1' marbled texture, natural fracture @ .9' hair like chert filled fractures throughout
-50					1-2' Coral @ 1.5', filled in void spaces w/ quartz + calcite, natural fracture @ 1.3' & 1.5'
-52					2-3' Natural fracture @ 2.5' chert on both surfaces, conchoidal fracture. Marbled texture changes to banded light → dark
-54					3-4' Natural fracture @ 3' & 3.2' Banded texture changes to marbled texture w/ many hair like chert filled fractures ~ 5"
-56					4-5' Banded texture changes to marbled @ 4.5' w/ natural fracture, possible bedding plane, fossil @ 4.8' Quartz crystals inside. Probe core @ 4.10 + 5' to fit in core box



INTERNATIONAL
TECHNOLOGY
CORPORATION

Drilling Log

Soil Boring

(MW00-21)

SB00-21

Page: 1 of 1

Project NFG-Buffalo Owner National Fuel & Gas
Location Buffalo, New York Proj. No. 805808
Surface Elev. NA Total Hole Depth 17.5 ft. North _____ East _____
Top of Casing NA Water Level Initial ▽ 8.0 ft. Static NA Diameter _____
Screen: Dia NA in. Length NA ft. Type/Size NA/NA in.
Casing: Dia NA in. Length NA ft. Type NA
Fill Material NA Rig/Core _____
Drill Co. Parratt Wolff Method HSA
Driller Ron Log By MEF Date 7/30/01 Permit # NA
Checked By _____ License No. _____

COMMENTS
Former Location ITGP-4

Depth (ft.)	PID (ppm)	Sample ID % Recovery	Blow Count Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Geologic descriptions are based on ASTM Standard D 2487-93 and the USCS.
0						Concrete
1	10%				SP	Dark brown medium sand, some subrounded gravel, trace brick. Dry
2						
3	15%				SP	Dark brown medium sand, some subrounded gravel, trace brick. Last 4" encounter white- brown medium sand, some subrounded gravel, moist with hint of blue staining.
4						
5						
6	20%				SP	Dark brown medium sand, trace subrounded gravel, trace silt. Dry
7						
8	70%				SP	Dark brown, medium sand, trace silt, trace wood. moist
9						
10	70%				CL	Gray clay, some silt, trace wood. Moist. Last 2" gray silt, some fine sand, wet.
11						
12	60%				ML	Gray silt, trace fine sand, trace wood, wet.
13						
14	50%				ML	Gray silt, some fine sand, trace subrounded gravel, trace wood. Wet
15						
16	80%				SM	Brown- gray fine sand, some silt, trace subrounded gravel. moist
17						
18	65%				SM	Brown gray fine sand, some silt, trace subrounded gravel, last 4" encounter gray brown clay, trace silt, some fragment of rock encountered with clay.



The Shaw Group Inc.™

MW-02-28

Shaw Environmental & Infrastructure, Inc.
13 British American Boulevard Latham, NY 12110-1405

Sample

Project NFG Owner _____
 Location Buffalo Proj. No. 805808
 Surface Elev. _____ Total Hole Depth 18 ft. Diameter 3"
 Top of Casing _____ Water Level Initial _____ Static _____
 Screen: Dia _____ Length 10 ft Type/Size _____
 Casing: Dia _____ Length _____ Type _____
 Fill Material _____ Rig/Core _____
 Drill Co. Perratt Wolff Method hammer / Split spoon
 Driller Dick Waris Log By Karie Henning Date 8/20/02 Permit # _____
 Checked By _____ License No. _____

See Site Map
For Boring Location

COMMENTS:

no odor observed

PID not giving
consistent readings

Depth (ft.)	PID (ppm)	Sample ID	Blow Count/ X Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2						
0	126		6			0-0.5 dry-moist, brown, fill, roots
2	120		50			0.5-2 dry-moist, brown, fine sand
4	120		70			2-4 dry-moist, fine sand-silt, mostly brown w/ orange-brown + black, black staining w/ white chips at approx. 3 ft, no odor
6	0		80			4-6 moist, silt-clay w/ some fine sands, areas of orange + black
8	0		45			6-7 1/2 v. moist, brown, silt-clay 7 1/2 - 7 3/4 v. moist, gray, medium sands } areas of black + orange-brown
10	146		60			7 3/4 - 8 v. moist, brown, silt-sand 8-9 v. moist, brown, silt-clay, some sand + till
12	0		60			9-10 moist, dark brown, silt-fine sands, crumbly, roots, peat-like
14	0		90			10-11 1/2 moist, dark brown, peat-like 11 1/2 - 12 moist, light brown-gray, very fine sand
16	0		100			12-13 moist, brown, silt-clay, some fine sand 13-14 moist-wet, light brown-gray, fine sand-silt
18	0					14-16 wet, light brown-gray, fine sand-silt 16-17 1/2 wet-sat., light brown to gray, fine sand-silt
20						17 1/2 - 18 some gravel, silt-sand, lt. brown-gray, wet-sat.
22						
24						

Groundwater Monitoring Well Test Results

Date: 10/16/2002
Time: 12:47:23

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date		Lab ID		DUP 1 A02-9809 10/02/2002		A2980909		DUP 1DL A02-9809 10/02/2002		A2980909DL		DUP 2 A02-9809 10/02/2002		A2980910		DUP 2DL A02-9809 10/02/2002		A2980910DL	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	25	ND	50	ND	25	ND	500	ND	500	ND	25	ND	500	ND	500	ND	500
Benzene	UG/L	340 E	5.0	340 D	10	1200 E	5.0	1400 D	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Bromodichloromethane	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Bromoform	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Bromomethane	UG/L	ND	10	ND	20	ND	10	ND	200	ND	200	ND	10	ND	200	ND	200	ND	200
2-Butanone	UG/L	ND	10	ND	20	ND	10	ND	200	ND	200	ND	10	ND	200	ND	200	ND	200
Carbon Disulfide	UG/L	ND	5.0	ND	10	1.1 J	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Carbon Tetrachloride	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Chlorobenzene	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Chloroethane	UG/L	ND	10	ND	20	ND	10	ND	200	ND	200	ND	10	ND	200	ND	200	ND	200
Chloroform	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Chloromethane	UG/L	ND	10	ND	20	ND	10	ND	200	ND	200	ND	10	ND	200	ND	200	ND	200
Dibromochloromethane	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
1,1-Dichloroethane	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
1,2-Dichloroethane	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
1,1-Dichloroethene	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
1,2-Dichloroethene (Total)	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
1,2-Dichloropropane	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
cis-1,3-Dichloropropene	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
trans-1,3-Dichloropropene	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Ethylbenzene	UG/L	ND	5.0	ND	10	17	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
2-Hexanone	UG/L	ND	10	ND	20	ND	10	ND	200	ND	200	ND	10	ND	200	ND	200	ND	200
Methylene chloride	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
4-Methyl-2-pentanone	UG/L	ND	10	ND	20	ND	10	ND	200	ND	200	ND	10	ND	200	ND	200	ND	200
Styrene	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
1,1,2,2-Tetrachloroethane	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Tetrachloroethene	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Toluene	UG/L	ND	5.0	ND	10	2.9 J	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
1,1,1-Trichloroethane	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
1,1,2-Trichloroethane	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Trichloroethene	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Vinyl acetate	UG/L	ND	10	ND	20	ND	10	ND	200	ND	200	ND	10	ND	200	ND	200	ND	200
Vinyl chloride	UG/L	ND	5.0	ND	10	ND	5.0	ND	100	ND	100	ND	5.0	ND	100	ND	100	ND	100
Total Xylenes	UG/L	3.8 J	15	2.4 DJ	30	10 J	15	ND	300	ND	300	ND	15	ND	300	ND	300	ND	300
IS/SURROGATE(S)																			
Chlorobenzene-D5	%	98	50-200	101	50-200	96	50-200	97	50-200	97	50-200	96	50-200	97	50-200	97	50-200	97	50-200
1,4-Difluorobenzene	%	97	50-200	101	50-200	96	50-200	97	50-200	97	50-200	96	50-200	97	50-200	97	50-200	97	50-200
1,4-Dichlorobenzene-D4	%	99	50-200	103	50-200	97	50-200	97	50-200	97	50-200	97	50-200	97	50-200	97	50-200	97	50-200
Toluene-D8	%	100	77-122	99	77-122	102	77-122	100	77-122	92	77-122	102	77-122	92	77-122	100	77-122	92	77-122
p-Bromofluorobenzene	%	94	73-120	93	73-120	96	73-120	92	73-120	96	73-120	96	73-120	96	73-120	92	73-120	96	73-120
1,2-Dichloroethane-D4	%	92	76-136	93	76-136	94	76-136	96	76-136	96	76-136	94	76-136	96	76-136	96	76-136	96	76-136

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/16/2002
Time: 12:47:23

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-00-10 A02-9809 10/02/2002	A2980905 Reporting Limit	Sample Value	MW-00-10DL A02-9809 10/02/2002	A2980905DL Reporting Limit	MW-00-11 A02-9809 10/02/2002	A2980916 Reporting Limit	Sample Value	MW-00-11DL A02-9809 10/02/2002	A2980916DL Reporting Limit
Acetone		UG/L	ND	25	ND	ND	250	ND	25	ND	ND	250
Benzene		UG/L	1100 E	5.0	1800 D	470 D	50	470 E	5.0	470 D	470 D	50
Bromodichloromethane		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Bromoforn		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Bromomethane		UG/L	ND	10	ND	ND	100	ND	10	ND	ND	100
2-Butanone		UG/L	ND	10	ND	ND	100	ND	10	ND	ND	100
Carbon Disulfide		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Carbon Tetrachloride		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Chlorobenzene		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Chloroethane		UG/L	ND	10	ND	ND	100	ND	10	ND	ND	100
Chloroform		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Chloromethane		UG/L	ND	10	ND	ND	100	ND	10	ND	ND	100
Dibromochloromethane		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
1,1-Dichloroethane		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
1,2-Dichloroethane		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
1,1-Dichloroethene		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
1,2-Dichloroethene (Total)		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
1,2-Dichloropropane		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
cis-1,3-Dichloropropene		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
trans-1,3-Dichloropropene		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Ethylbenzene		UG/L	15	5.0	23 DJ	99 D	50	110	5.0	99 D	99 D	50
2-Hexanone		UG/L	ND	10	ND	ND	100	ND	10	ND	ND	100
Methylene chloride		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
4-Methyl-2-pentanone		UG/L	ND	10	ND	ND	100	ND	10	ND	ND	100
Styrene		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
1,1,2,2-Tetrachloroethane		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Tetrachloroethene		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Toluene		UG/L	2.6 J	5.0	ND	7.5	50	ND	5.0	ND	ND	50
1,1,1-Trichloroethane		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
1,1,2-Trichloroethane		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Trichloroethene		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Vinyl acetate		UG/L	ND	10	ND	ND	100	ND	10	ND	ND	100
Vinyl chloride		UG/L	ND	5.0	ND	ND	50	ND	5.0	ND	ND	50
Total Xylenes		UG/L	8.6 J	15	27 DJ	29	150	29	15	11 DJ	11 DJ	150
IS/SURROGATE(S)												
Chlorobenzene-D5		%	96	50-200	100	99	50-200	99	50-200	96	96	50-200
1,4-Difluorobenzene		%	96	50-200	99	98	50-200	98	50-200	96	96	50-200
1,4-Dichlorobenzene-D4		%	95	50-200	99	100	50-200	100	50-200	96	96	50-200
Toluene-D8		%	102	77-122	101	101	77-122	101	77-122	101	101	77-122
p-Bromofluorobenzene		%	95	73-120	94	95	73-120	95	73-120	93	93	73-120
1,2-Dichloroethane-D4		%	94	76-136	96	93	76-136	93	76-136	98	98	76-136

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	MW-00-12 A02-9809 10/02/2002	A2980906	MW-00-12DL A02-9809 10/02/2002	A2980906DL	MW-00-13 A02-9809 10/02/2002	A2980907	MW-00-13 A02-9809 10/02/2002	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	25	ND	250	20 J	25	ND	500
Benzene	UG/L	720 E	5.0	780 D	50	1400 E	5.0	1600 D	100
Bromodichloromethane	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Bromoform	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Bromomethane	UG/L	ND	10	ND	100	ND	10	ND	200
2-Butanone	UG/L	ND	10	ND	100	ND	10	ND	200
Carbon Disulfide	UG/L	ND	5.0	ND	50	4.3 J	5.0	ND	100
Carbon Tetrachloride	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Chlorobenzene	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Chloroethane	UG/L	ND	10	ND	100	ND	10	ND	200
Chloroform	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Chloromethane	UG/L	ND	10	ND	100	ND	10	ND	200
Dibromochloromethane	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
1,1-Dichloroethane	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
1,2-Dichloroethane	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
1,1-Dichloroethene (Total)	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
1,2-Dichloropropane	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
cis-1,3-Dichloropropene	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
trans-1,3-Dichloropropene	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Ethylbenzene	UG/L	150	5.0	140 D	50	180	5.0	150 D	100
2-Hexanone	UG/L	ND	10	ND	100	ND	10	ND	200
Methylene chloride	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
4-Methyl-2-pentanone	UG/L	ND	10	ND	100	ND	10	ND	200
Styrene	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
1,1,2,2-Tetrachloroethane	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Tetrachloroethene	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Toluene	UG/L	3.2 J	5.0	ND	50	160	5.0	130 D	100
1,1,1-Trichloroethane	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
1,1,2-Trichloroethane	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Trichloroethene	UG/L	ND	5.0	ND	50	1.6 J	5.0	ND	100
Vinyl acetate	UG/L	ND	10	ND	100	ND	10	ND	200
Vinyl chloride	UG/L	ND	5.0	ND	50	ND	5.0	ND	100
Total Xylenes	UG/L	66	15	70 DJ	150	380	15	310 D	300
IS/SURROGATE(S)									
Chlorobenzene-D5	%	96	50-200	96	50-200	97	50-200	98	50-200
1,4-Difluorobenzene	%	96	50-200	96	50-200	96	50-200	97	50-200
1,4-Dichlorobenzene-D4	%	97	50-200	96	50-200	101	50-200	97	50-200
Toluene-D8	%	102	77-122	102	77-122	101	77-122	100	77-122
p-Bromofluorobenzene	%	95	73-120	94	73-120	96	73-120	93	73-120
1,2-Dichloroethane-D4	%	96	76-136	98	76-136	95	76-136	96	76-136

Client ID Job No Sample Date	Lab ID	MW-00-20 A02-9809 10/02/2002	A2980901	MW-00-9 A02-9809 10/02/2002	A2980911	MW-01-26 A02-9809 10/02/2002	A2980908	MW-02-28 A02-9809 10/02/2002	A2980902
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	25	ND	25	13 J	25	ND	25
Benzene	UG/L	ND	5.0	1.9 J	5.0	96	5.0	2000 E	5.0
Bromodichloromethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Bromoform	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Bromomethane	UG/L	ND	10	ND	10	ND	10	ND	10
2-Butanone	UG/L	ND	10	ND	10	ND	10	ND	10
Carbon Disulfide	UG/L	ND	5.0	ND	5.0	1.0 J	5.0	ND	5.0
Carbon Tetrachloride	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chlorobenzene	UG/L	ND	5.0	ND	5.0	ND	5.0	1.2 J	5.0
Chloroethane	UG/L	ND	10	ND	10	ND	10	ND	10
Chloroform	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chloromethane	UG/L	ND	10	ND	10	ND	10	ND	10
Dibromochloromethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1-Dichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1-Dichloroethene (Total)	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	1.5 J	5.0
1,2-Dichloropropane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
cis-1,3-Dichloropropene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
trans-1,3-Dichloropropene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Ethylbenzene	UG/L	1.0 J	5.0	ND	5.0	40	5.0	700 E	5.0
2-Hexanone	UG/L	ND	10	ND	10	ND	10	ND	10
Methylene chloride	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
4-Methyl-2-pentanone	UG/L	ND	10	ND	10	ND	10	ND	10
Styrene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,2,2-Tetrachloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Tetrachloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Toluene	UG/L	ND	5.0	ND	5.0	23	5.0	190	5.0
1,1,1-Trichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,2-Trichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Trichloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	1.6 J	5.0
Vinyl acetate	UG/L	ND	10	ND	10	ND	10	ND	10
Vinyl chloride	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Total Xylenes (IS/SURROGATE(S))	UG/L	2.5 J	15	ND	15	330	15	1200 E	15
Chlorobenzene-D5	%	98	50-200	99	50-200	97	50-200	97	50-200
1,4-Difluorobenzene	%	98	50-200	99	50-200	96	50-200	96	50-200
1,4-Dichlorobenzene-D4	%	97	50-200	97	50-200	103	50-200	102	50-200
Toluene-D8	%	102	77-122	102	77-122	102	77-122	101	77-122
p-Bromofluorobenzene	%	95	73-120	94	73-120	97	73-120	97	73-120
1,2-Dichloroethane-D4	%	95	76-136	95	76-136	95	76-136	94	76-136

NA = Not Applicable ND = Not Detected

Client ID Job No Sample Date	Lab ID	Analyte	Units	MW-02-28 A02-9809 10/02/2002	Sample Value	Reporting Limit	MW-11 A02-9809 10/02/2002	Sample Value	Reporting Limit	MW-12 A02-9809 10/02/2002	Sample Value	Reporting Limit	MW-12 A02-9809 10/02/2002	Sample Value	Reporting Limit
Acetone			UG/L	ND	ND	500	ND	ND	25	ND	ND	25	ND	ND	500
Benzene			UG/L	3300 D	1.4 J	100	ND	ND	5.0	470 E	450 D	5.0	ND	450 D	100
Bromodichloromethane			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Bromoform			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Bromomethane			UG/L	ND	ND	200	ND	ND	10	ND	ND	10	ND	ND	200
2-Butanone			UG/L	ND	ND	200	ND	ND	10	ND	ND	10	ND	ND	200
Carbon Disulfide			UG/L	ND	ND	100	ND	ND	5.0	4.2 J	ND	5.0	ND	ND	100
Carbon Tetrachloride			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Chlorobenzene			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Chloroethane			UG/L	ND	ND	200	ND	ND	10	ND	ND	10	ND	ND	200
Chloroform			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Chloromethane			UG/L	ND	ND	200	ND	ND	10	ND	ND	10	ND	ND	200
Dibromochloromethane			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
1,1-Dichloroethane			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
1,2-Dichloroethane			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
1,1-Dichloroethane (Total)			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
1,2-Dichloropropane			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
cis-1,3-Dichloropropene			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
trans-1,3-Dichloropropene			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Ethylbenzene			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
2-Hexanone			UG/L	740 D	1100 E	200	ND	ND	5.0	1100 E	1200 D	5.0	ND	1200 D	200
Methylene chloride			UG/L	ND	ND	100	ND	ND	10	ND	ND	10	ND	ND	100
4-Methyl-2-pentanone			UG/L	ND	ND	200	ND	ND	5.0	ND	ND	5.0	ND	ND	200
Styrene			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
1,1,2,2-Tetrachloroethane			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Tetrachloroethene			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Toluene			UG/L	160 D	690 E	100	ND	ND	5.0	690 E	620 D	5.0	ND	620 D	100
1,1,1-Trichloroethane			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
1,1,2-Trichloroethane			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Trichloroethene			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Vinyl acetate			UG/L	ND	1.5 J	200	ND	ND	10	1.5 J	ND	10	ND	ND	200
Vinyl chloride			UG/L	ND	ND	100	ND	ND	5.0	ND	ND	5.0	ND	ND	100
Total Xylenes			UG/L	1100 D	1.0 J	300	ND	ND	15	4200 E	5700 D	15	ND	5700 D	300
-15/SURROGATE(S)-															
Chlorobenzene-D5			%	99	97	50-200	97	96	50-200	96	96	50-200	97	96	50-200
1,4-Difluorobenzene			%	98	96	50-200	96	95	50-200	103	100	50-200	96	100	50-200
1,4-Dichlorobenzene-D4			%	97	102	50-200	102	100	50-200	100	100	50-200	101	101	50-200
Toluene-D8			%	100	95	77-122	95	94	77-122	97	94	77-122	95	94	77-122
p-Bromofluorobenzene			%	92	94	73-120	94	94	73-120	97	94	73-120	95	94	73-120
1,2-Dichloroethane-D4			%	94	94	76-136	94	94	76-136	94	94	76-136	96	94	76-136

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID	Lab ID	Units	MM-18 A02-9809 10/02/2002	A2980913	MM-19 A02-9809 10/02/2002	A2980903	MM-B A02-9809 10/02/2002	A2980912	MM-9 A02-9809 10/02/2002	A2980915
Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date
Analyte	Analyte	Analyte	Analyte	Analyte	Analyte	Analyte	Analyte	Analyte	Analyte	Analyte
Acetone	UG/L	25	ND	2.2 J	ND	5.3	ND	1.6 J	ND	25
Benzene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Bromodichloromethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Bromoform	UG/L	10	ND	10	ND	10	ND	10	ND	10
Bromomethane	UG/L	10	ND	10	ND	10	ND	10	ND	10
2-Butanone	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Carbon Disulfide	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Carbon Tetrachloride	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chlorobenzene	UG/L	10	ND	10	ND	10	ND	10	ND	10
Chloroethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chloroform	UG/L	10	ND	10	ND	10	ND	10	ND	10
Chloromethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Dibromochloromethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1-Dichloroethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloroethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1-Dichloroethene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloroethene (Total)	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloropropane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
cis-1,3-Dichloropropene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
trans-1,3-Dichloropropene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Ethylbenzene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
2-Hexanone	UG/L	10	ND	10	ND	10	ND	10	ND	10
Methylene chloride	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
4-Methyl-2-pentanone	UG/L	10	ND	10	ND	10	ND	10	ND	10
Styrene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,2,2-Tetrachloroethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Tetrachloroethene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Toluene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,1-Trichloroethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,2-Trichloroethane	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Trichloroethene	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Vinyl acetate	UG/L	10	ND	10	ND	10	ND	10	ND	10
Vinyl chloride	UG/L	5.0	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Total Xylenes	UG/L	15	ND	12 J	ND	1.6 J	ND	4.8 J	ND	15
IS/SURROGATE(S)										
Chlorobenzene-D5	%	50-200	95		100		96		97	50-200
1,4-Difluorobenzene	%	50-200	95		100		95		98	50-200
1,4-Dichlorobenzene-D4	%	50-200	93		98		94		100	50-200
Toluene-D8	%	77-122	103		101		102		103	77-122
p-Bromofluorobenzene	%	73-120	95		93		95		96	73-120
1,2-Dichloroethane-D4	%	76-136	96		94		94		91	76-136

NA = Not Applicable ND = Not Detected

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MW-9DL A02-9809 10/02/2002	A2980915DL	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	ND	250	NA		NA		NA	
Benzene	UG/L	420 D	50	NA		NA		NA	
Bromodichloromethane	UG/L	ND	50	NA		NA		NA	
Bromoform	UG/L	ND	50	NA		NA		NA	
Bromomethane	UG/L	ND	100	NA		NA		NA	
2-Butanone	UG/L	ND	100	NA		NA		NA	
Carbon Disulfide	UG/L	ND	50	NA		NA		NA	
Carbon Tetrachloride	UG/L	ND	50	NA		NA		NA	
Chlorobenzene	UG/L	ND	50	NA		NA		NA	
Chloroethane	UG/L	ND	100	NA		NA		NA	
Chloroform	UG/L	ND	50	NA		NA		NA	
Chloromethane	UG/L	ND	100	NA		NA		NA	
Dibromochloromethane	UG/L	ND	50	NA		NA		NA	
1,1-Dichloroethane	UG/L	ND	50	NA		NA		NA	
1,2-Dichloroethane	UG/L	ND	50	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	50	NA		NA		NA	
1,2-Dichloroethane (Total)	UG/L	ND	50	NA		NA		NA	
1,2-Dichloropropane	UG/L	ND	50	NA		NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	50	NA		NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	50	NA		NA		NA	
Ethylbenzene	UG/L	ND	50	NA		NA		NA	
2-Hexanone	UG/L	ND	100	NA		NA		NA	
Methylene chloride	UG/L	ND	50	NA		NA		NA	
4-Methyl-2-pentanone	UG/L	ND	100	NA		NA		NA	
Styrene	UG/L	ND	50	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	50	NA		NA		NA	
Tetrachloroethane	UG/L	ND	50	NA		NA		NA	
Toluene	UG/L	ND	50	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	50	NA		NA		NA	
1,1,2-Trichloroethane	UG/L	ND	50	NA		NA		NA	
Trichloroethene	UG/L	ND	50	NA		NA		NA	
Vinyl acetate	UG/L	ND	100	NA		NA		NA	
Vinyl chloride	UG/L	ND	50	NA		NA		NA	
Total Xylenes	UG/L	ND	150	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	97	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	96	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	96	50-200	NA		NA		NA	
Toluene-D8	%	100	77-122	NA		NA		NA	
p-Bromofluorobenzene	%	93	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	98	76-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	DUP 1 A02-9809 10/02/2002	A2980909	DUP 2 A02-9809 10/02/2002	A2980910	MA-00-10 A02-9809 10/02/2002	A2980905	MA-00-11 A02-9809 10/02/2002	A2980916
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L		18	9	ND	9	ND	9	3 J	10
Acenaphthylene	UG/L		ND	9	ND	9	ND	9	ND	10
Anthracene	UG/L		1 J	9	ND	9	ND	9	1 J	10
Benzo(a)anthracene	UG/L		ND	9	ND	9	ND	9	ND	10
Benzo(b)fluoranthene	UG/L		ND	9	ND	9	ND	9	ND	10
Benzo(k)fluoranthene	UG/L		ND	9	ND	9	ND	9	ND	10
Benzo(ghi)perylene	UG/L		ND	9	ND	9	ND	9	ND	10
Benzo(a)pyrene	UG/L		ND	9	ND	9	ND	9	ND	10
Benzoic acid	UG/L		ND	47	ND	47	ND	47	ND	48
Benzyl alcohol	UG/L		ND	19	ND	19	ND	19	ND	19
Bis(2-chloroethoxy) methane	UG/L		ND	9	ND	9	ND	9	ND	10
Bis(2-chloroethyl) ether	UG/L		ND	9	ND	9	ND	9	ND	10
2,2'-Oxybis(1-Chloropropane)	UG/L		ND	9	ND	9	ND	9	ND	10
Bis(2-ethylhexyl) phthalate	UG/L		0.8 J	9	ND	9	ND	9	0.6 J	10
4-Bromophenyl phenyl ether	UG/L		ND	9	ND	9	ND	9	ND	10
Butyl benzyl phthalate	UG/L		ND	9	ND	9	ND	9	ND	10
4-Chloroaniline	UG/L		ND	9	ND	9	ND	9	ND	10
4-Chloro-3-methylphenol	UG/L		ND	9	ND	9	ND	9	ND	10
2-Chloronaphthalene	UG/L		ND	9	ND	9	ND	9	ND	10
2-Chlorophenol	UG/L		ND	9	ND	9	ND	9	ND	10
4-Chlorophenyl phenyl ether	UG/L		ND	9	ND	9	ND	9	ND	10
Chrysene	UG/L		ND	9	ND	9	ND	9	ND	10
Dibenzo(a,h)anthracene	UG/L		ND	9	ND	9	ND	9	ND	10
Dibenzofuran	UG/L		ND	9	ND	9	ND	9	ND	10
Di-n-butyl phthalate	UG/L		ND	9	ND	9	ND	9	1 J	10
1,2-Dichlorobenzene	UG/L		ND	9	ND	9	ND	9	ND	10
1,3-Dichlorobenzene	UG/L		ND	9	ND	9	ND	9	ND	10
1,4-Dichlorobenzene	UG/L		ND	9	ND	9	ND	9	ND	10
3,3'-Dichlorobenzidine	UG/L		ND	19	ND	19	ND	19	ND	19
2,4-Dichlorophenol	UG/L		ND	9	ND	9	ND	9	ND	10
Diethyl phthalate	UG/L		ND	9	ND	9	ND	9	ND	10
2,4-Dimethylphenol	UG/L		ND	9	ND	9	ND	9	2 J	10
Dimethyl phthalate	UG/L		ND	9	ND	9	ND	9	ND	10
4,6-Dinitro-2-methylphenol	UG/L		ND	47	ND	47	ND	47	ND	48
2,4-Dinitrophenol	UG/L		ND	47	ND	47	ND	47	ND	48
2,4-Dinitrotoluene	UG/L		ND	9	ND	9	ND	9	ND	10
2,6-Dinitrotoluene	UG/L		ND	9	ND	9	ND	9	ND	10
Di-n-octyl phthalate	UG/L		ND	9	ND	9	ND	9	2 J	10
Fluoranthene	UG/L		2 J	9	ND	9	ND	9	2 J	10
Fluorene	UG/L		6 J	9	ND	9	ND	9	ND	10
Hexachlorobenzene	UG/L		ND	9	ND	9	ND	9	ND	10
Hexachlorobutadiene	UG/L		ND	9	ND	9	ND	9	ND	10
Hexachlorocyclopentadiene	UG/L		ND	9	ND	9	ND	9	ND	10

NA = Not Applicable ND = Not Detected

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	DUP 1 A02-9809 10/02/2002	A2980909	DUP 2 A02-9809 10/02/2002	A2980910	M4-00-10 A02-9809 10/02/2002	A2980905	M4-00-11 A02-9809 10/02/2002	A2980916
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/L	ND	9	ND	9	ND	9	ND	10
Indeno(1,2,3-cd)pyrene	UG/L	ND	9	ND	9	ND	9	ND	10
Isophorone	UG/L	ND	9	ND	9	ND	9	ND	10
2-Methylnaphthalene	UG/L	ND	9	ND	9	ND	9	4 J	10
2-Methylphenol	UG/L	ND	9	ND	9	ND	9	ND	10
4-Methylphenol	UG/L	ND	9	ND	9	ND	9	ND	10
Naphthalene	UG/L	3 J	9	29	9	ND	9	ND	10
2-Nitroaniline	UG/L	ND	47	ND	47	31	47	ND	48
3-Nitroaniline	UG/L	ND	47	ND	47	ND	47	ND	48
4-Nitroaniline	UG/L	ND	47	ND	47	ND	47	ND	48
Nitrobenzene	UG/L	ND	9	ND	9	ND	9	ND	10
2-Nitrophenol	UG/L	ND	47	ND	47	ND	47	ND	48
4-Nitrophenol	UG/L	ND	47	ND	47	ND	47	ND	48
N-Nitrosodiphenylamine	UG/L	ND	9	ND	9	ND	9	ND	10
N-Nitroso-Di-n-propylamine	UG/L	ND	9	ND	9	ND	9	ND	10
Pentachlorophenol	UG/L	ND	47	ND	47	ND	47	ND	48
Phenanthrene	UG/L	7 J	9	ND	9	ND	9	ND	10
Phenol	UG/L	36	9	4 J	9	5 J	9	3 J	10
Pyrene	UG/L	1 J	9	ND	9	ND	9	2 J	10
1,2,4-Trichlorobenzene	UG/L	ND	9	ND	9	ND	9	ND	10
2,4,5-Trichlorophenol	UG/L	ND	9	ND	9	ND	9	ND	10
2,4,6-Trichlorophenol	UG/L	ND	9	ND	9	ND	9	ND	10
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	96	50-200	103	50-200	89	50-200	94	50-200
Naphthalene-D8	%	95	50-200	103	50-200	88	50-200	91	50-200
Acenaphthene-D10	%	93	50-200	99	50-200	87	50-200	86	50-200
Phenanthrene-D10	%	99	50-200	106	50-200	92	50-200	92	50-200
Chrysene-D12	%	96	50-200	97	50-200	81	50-200	90	50-200
Perylene-D12	%	97	50-200	101	50-200	88	50-200	95	50-200
Nitrobenzene-D5	%	70	24-125	75	24-125	77	24-125	75	24-125
2-Fluorobiphenyl	%	78	25-125	81	25-125	83	25-125	79	25-125
p-Terphenyl-d14	%	103	19-152	97	19-152	104	19-152	92	19-152
Phenol-D5	%	42	10-110	31	10-110	31	10-110	30	10-110
2-Fluorophenol	%	40	20-120	44	20-120	44	20-120	43	20-120
2,4,6-Tribromophenol	%	99	28-152	91	28-152	98	28-152	93	28-152

NA = Not Applicable ND = Not Detected

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Date: 10/16/2002
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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-00-12 A02-9809 10/02/2002	A2980906	MW-00-13 A02-9809 10/02/2002	A2980907	MW-00-13 A02-9809 10/02/2002	A2980907L	MW-00-20 A02-9809 10/02/2002	Reporting Limit
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene		UG/L	ND	9	75 J	93	68 DJ	190	1 J	10
Acenaphthylene		UG/L	ND	9	ND	93	ND	190	ND	10
Anthracene		UG/L	ND	9	ND	93	ND	190	ND	10
Benzo(a)anthracene		UG/L	ND	9	ND	93	ND	190	ND	10
Benzo(b)fluoranthene		UG/L	ND	9	ND	93	ND	190	ND	10
Benzo(k)fluoranthene		UG/L	ND	9	ND	93	ND	190	ND	10
Benzo(ghi)perylene		UG/L	ND	9	ND	93	ND	190	ND	10
Benzo(a)pyrene		UG/L	ND	9	ND	93	ND	190	ND	10
Benzoic acid		UG/L	ND	47	ND	470	ND	930	ND	50
Benzyl alcohol		UG/L	ND	19	ND	190	ND	370	ND	20
Bis(2-chloroethoxy) methane		UG/L	ND	9	ND	93	ND	190	ND	10
Bis(2-chloroethyl) ether		UG/L	ND	9	ND	93	ND	190	ND	10
2,2'-Oxybis(1-Chloropropane)		UG/L	ND	9	ND	93	ND	190	ND	10
Bis(2-ethylhexyl) phthalate		UG/L	ND	9	ND	93	ND	190	ND	10
4-Bromophenyl phenyl ether		UG/L	ND	9	ND	93	ND	190	ND	10
Butyl benzyl phthalate		UG/L	ND	9	ND	93	ND	190	ND	10
4-Chloroaniline		UG/L	ND	9	ND	93	ND	190	ND	10
4-Chloro-3-methylphenol		UG/L	ND	9	ND	93	ND	190	ND	10
2-Chloronaphthalene		UG/L	ND	9	ND	93	ND	190	ND	10
2-Chlorophenol		UG/L	ND	9	ND	93	ND	190	ND	10
4-Chlorophenyl phenyl ether		UG/L	ND	9	ND	93	ND	190	ND	10
Chrysene		UG/L	ND	9	ND	93	ND	190	ND	10
Dibenzo(a,h)anthracene		UG/L	ND	9	52 J	93	46 DJ	190	ND	10
Dibenzofuran		UG/L	ND	9	ND	93	ND	190	ND	10
Di-n-butyl phthalate		UG/L	ND	9	ND	93	ND	190	ND	10
1,2-Dichlorobenzene		UG/L	ND	9	ND	93	ND	190	ND	10
1,3-Dichlorobenzene		UG/L	ND	9	ND	93	ND	190	ND	10
1,4-Dichlorobenzene		UG/L	ND	9	ND	93	ND	190	ND	10
3,3'-Dichlorobenzidine		UG/L	ND	19	ND	190	ND	370	ND	20
2,4-Dichlorophenol		UG/L	ND	9	ND	93	ND	190	ND	10
Diethyl phthalate		UG/L	ND	9	ND	93	ND	190	ND	10
2,4-Dimethylphenol		UG/L	ND	9	130	93	120 DJ	190	ND	10
Dimethyl phthalate		UG/L	ND	9	ND	93	ND	190	ND	10
4,6-Dinitro-2-methylphenol		UG/L	ND	47	ND	470	ND	930	ND	50
2,4-Dinitrophenol		UG/L	ND	47	ND	470	ND	930	ND	50
2,6-Dinitrotoluene		UG/L	ND	9	ND	93	ND	190	ND	10
Di-n-octyl phthalate		UG/L	ND	9	ND	93	ND	190	ND	10
Fluoranthene		UG/L	ND	9	8 J	93	38 DJ	190	ND	10
Fluorene		UG/L	ND	9	43 J	93	ND	190	ND	10
Hexachlorobenzene		UG/L	ND	9	ND	93	ND	190	ND	10
Hexachlorobutadiene		UG/L	ND	9	ND	93	ND	190	ND	10
Hexachlorocyclopentadiene		UG/L	ND	9	ND	93	ND	190	ND	10

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	Analyte	Units	MW-00-12 A02-9809 10/02/2002	A2980906	MW-00-13 A02-9809 10/02/2002	A2980907	MW-00-13 A02-9809 10/02/2002	A2980907DL	MW-00-20 A02-9809 10/02/2002	A2980901
				Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane		UG/L		ND	9	ND	93	ND	190	ND	10
Indeno(1,2,3-cd)pyrene		UG/L		ND	9	ND	93	ND	190	ND	10
Isophorone		UG/L		ND	9	ND	93	ND	190	ND	10
2-Methylnaphthalene		UG/L		0.8 J	9	74 J	93	70 DJ	190	3 J	10
2-Methylphenol		UG/L		ND	9	39 J	93	35 DJ	190	ND	10
4-Methylphenol		UG/L		ND	9	18 J	93	14 DJ	190	ND	10
Naphthalene		UG/L		140	9	1500 E	93	1600 D	190	38	10
2-Nitroaniline		UG/L		ND	47	ND	470	ND	930	ND	50
3-Nitroaniline		UG/L		ND	47	ND	470	ND	930	ND	50
4-Nitroaniline		UG/L		ND	9	ND	93	ND	190	ND	10
Nitrobenzene		UG/L		ND	9	ND	93	ND	190	ND	10
2-Nitrophenol		UG/L		ND	47	ND	470	ND	930	ND	50
4-Nitrophenol		UG/L		ND	9	ND	93	ND	190	ND	10
N-nitrosodiphenylamine		UG/L		ND	9	ND	93	ND	190	ND	10
N-Nitroso-di-n-propylamine		UG/L		ND	9	ND	93	ND	190	ND	10
Pentachlorophenol		UG/L		ND	47	ND	470	ND	930	ND	50
Phenanthrene		UG/L		ND	9	17 J	93	ND	190	ND	10
Phenol		UG/L		4 J	9	11 J	93	ND	190	ND	10
Pyrene		UG/L		ND	9	6 J	93	ND	190	ND	10
1,2,4-Trichlorobenzene		UG/L		ND	9	ND	93	ND	190	ND	10
2,4,5-Trichlorophenol		UG/L		ND	9	ND	93	ND	190	ND	10
2,4,6-Trichlorophenol		UG/L		ND	9	ND	93	ND	190	ND	10
IS/SURROGATE(S)											
1,4-Dichlorobenzene-04		%		110	50-200	87	50-200	83	50-200	104	50-200
Naphthalene-08		%		106	50-200	85	50-200	80	50-200	103	50-200
Acenaphthene-D10		%		104	50-200	86	50-200	80	50-200	99	50-200
Phenanthrene-D10		%		105	50-200	92	50-200	85	50-200	102	50-200
Chrysene-D12		%		100	50-200	80	50-200	76	50-200	94	50-200
Perylene-D12		%		108	50-200	84	50-200	74	50-200	102	50-200
Nitrobenzene-D5		%		74	24-125	65	24-125	56	24-125	64	24-125
2-Fluorobiphenyl		%		79	25-125	88	25-125	80	25-125	68	25-125
p-Terphenyl-d14		%		102	19-152	92	19-152	77	19-152	105	19-152
Phenol-D5		%		30	10-110	28	10-110	24	10-110	28	10-110
2-Fluorophenol		%		41	20-120	38	20-120	33	20-120	38	20-120
2,4,6-Tribromophenol		%		101	28-152	81	28-152	60	28-152	91	28-152

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AHD326

Client ID Job No Sample Date	Lab ID	Units	MW-00-9 A02-9809 10/02/2002	A2980911	MW-01-26 A02-9809 10/02/2002	A2980908	MW-02-28 A02-9809 10/02/2002	A2980902	MW-02-28 A02-9809 10/02/2002	Reporting Limit
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/L	9	ND	99 J	470	19	9	190	ND	190
Acenaphthylene	UG/L	9	ND	ND	470	3 J	9	190	ND	190
Anthracene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Benzo(a)anthracene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Benzo(b)fluoranthene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Benzo(k)fluoranthene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Benzo(ghi)perylene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Benzo(a)pyrene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Benzoic acid	UG/L	47	ND	ND	2300	ND	9	190	ND	190
Benzyl alcohol	UG/L	19	ND	ND	930	0.6 J	47	370	ND	370
Bis(2-chloroethoxy) methane	UG/L	9	ND	ND	470	ND	9	190	ND	190
Bis(2-chloroethyl) ether	UG/L	9	ND	ND	470	ND	9	190	ND	190
2,2'-oxybis(1-chloropropane)	UG/L	9	ND	ND	470	ND	9	190	ND	190
Bis(2-ethylhexyl) phthalate	UG/L	9	ND	2 J	470	5 J	9	190	ND	190
4-Bromophenyl phenyl ether	UG/L	9	ND	ND	470	ND	9	190	ND	190
Butyl benzyl phthalate	UG/L	9	ND	ND	470	ND	9	190	ND	190
4-Chloroaniline	UG/L	9	ND	ND	470	ND	9	190	ND	190
4-Chloro-3-methylphenol	UG/L	9	ND	ND	470	ND	9	190	ND	190
2-Chloronaphthalene	UG/L	9	ND	ND	470	ND	9	190	ND	190
2-Chlorophenol	UG/L	9	ND	ND	470	ND	9	190	ND	190
4-Chlorophenyl phenyl ether	UG/L	9	ND	ND	470	ND	9	190	ND	190
Chrysene	UG/L	9	ND	90 J	470	ND	9	190	ND	190
Dibenzo(a,h)anthracene	UG/L	9	ND	ND	470	1 J	9	190	ND	190
Dibenzofuran	UG/L	9	ND	ND	470	2 J	9	190	ND	190
Di-n-butyl phthalate	UG/L	9	ND	ND	470	ND	9	190	ND	190
1,2-Dichlorobenzene	UG/L	9	ND	ND	470	ND	9	190	ND	190
1,3-Dichlorobenzene	UG/L	9	ND	ND	470	ND	9	190	ND	190
1,4-Dichlorobenzene	UG/L	9	ND	ND	470	ND	9	190	ND	190
3,3'-Dichlorobenzidine	UG/L	19	ND	ND	930	ND	19	370	ND	370
2,4-Dichlorophenol	UG/L	9	ND	ND	470	ND	9	190	ND	190
Diethyl phthalate	UG/L	9	ND	ND	470	ND	9	190	ND	190
2,4-Dimethylphenol	UG/L	9	ND	ND	470	27	9	190	16 DJ	190
Dimethyl phthalate	UG/L	9	ND	ND	470	ND	9	190	ND	190
4,6-Dinitro-2-methylphenol	UG/L	47	ND	ND	2300	ND	47	930	ND	930
2,4-Dinitrophenol	UG/L	47	ND	ND	2300	ND	47	930	ND	930
2,4-Dinitrotoluene	UG/L	9	ND	ND	470	ND	9	190	ND	190
2,6-Dinitrotoluene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Di-n-octyl phthalate	UG/L	9	ND	ND	470	2 J	9	190	ND	190
Fluoranthene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Fluorene	UG/L	9	ND	50 J	470	ND	9	190	ND	190
Hexachlorobenzene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Hexachlorobutadiene	UG/L	9	ND	ND	470	ND	9	190	ND	190
Hexachlorocyclopentadiene	UG/L	9	ND	ND	470	ND	9	190	ND	190

NA = Not Applicable ND = Not Detected

STL Buffalo

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Time: 12:47:23

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MW-00-9 A02-9809 10/02/2002	A2980911	MW-01-26 A02-9809 10/02/2002	A2980908	MW-02-28 A02-9809 10/02/2002	A2980902	MW-02-28 A02-9809 10/02/2002	A2980902DL
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/L	ND	9	ND	470	ND	9	ND	190
Indeno(1,2,3-cd)pyrene	UG/L	ND	9	ND	470	ND	9	ND	190
Isophorone	UG/L	ND	9	ND	470	ND	9	ND	190
2-Methylnaphthalene	UG/L	ND	9	520	470	91	9	81 DJ	190
2-Methylphenol	UG/L	ND	9	ND	470	ND	9	ND	190
4-Methylphenol	UG/L	ND	9	ND	470	ND	9	ND	190
Naphthalene	UG/L	17	9	6000	470	4 J	9	ND	190
2-Nitroaniline	UG/L	ND	47	ND	2300	840 E	9	2000 D	190
3-Nitroaniline	UG/L	ND	47	ND	2300	ND	47	ND	930
4-Nitroaniline	UG/L	ND	47	ND	2300	ND	47	ND	930
Nitrobenzene	UG/L	ND	9	ND	470	ND	9	ND	190
2-Nitrophenol	UG/L	ND	9	ND	470	ND	9	ND	190
4-Nitrophenol	UG/L	ND	47	ND	2300	ND	47	ND	930
N-nitrosodiphenylamine	UG/L	ND	9	ND	470	ND	9	ND	190
N-Nitroso-Di-n-propylamine	UG/L	ND	9	ND	470	ND	9	ND	190
Pentachlorophenol	UG/L	ND	47	ND	2300	ND	47	ND	930
Phenanthrene	UG/L	ND	9	78 J	470	ND	9	ND	190
Phenol	UG/L	ND	9	ND	470	ND	9	ND	190
Pyrene	UG/L	ND	9	ND	470	10	9	ND	190
1,2,4-Trichlorobenzene	UG/L	ND	9	ND	470	ND	9	ND	190
2,4,5-Trichlorophenol	UG/L	ND	9	ND	470	ND	9	ND	190
2,4,6-Trichlorophenol	UG/L	ND	9	ND	470	ND	9	ND	190
1,4-Dichlorobenzene-D4	%	108	50-200	85	50-200	102	50-200	86	50-200
Naphthalene-D8	%	102	50-200	84	50-200	96	50-200	83	50-200
Acenaphthene-D10	%	95	50-200	83	50-200	100	50-200	80	50-200
Phenanthrene-D10	%	103	50-200	83	50-200	103	50-200	83	50-200
Chrysene-D12	%	98	50-200	72	50-200	101	50-200	79	50-200
Perylene-D12	%	103	50-200	77	50-200	107	50-200	81	50-200
Nitrobenzene-D5	%	77	24-125	48 D	24-125	71	24-125	48	24-125
2-Fluorobiphenyl	%	83	25-125	75 D	25-125	76	25-125	69	25-125
p-Terphenyl-d14	%	90	19-152	55 D	19-152	80	19-152	64	19-152
Phenol-D5	%	30	10-110	21 D	10-110	30	10-110	22	10-110
2-Fluorophenol	%	44	20-120	31 D	20-120	45	20-120	38	20-120
2,4,6-Tribromophenol	%	88	28-152	17 D	28-152	95	28-152	38	28-152

NA = Not Applicable ND = Not Detected

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-11 A02-9809 10/02/2002	Reporting Limit	MW-12 A02-9809 10/02/2002	Sample Value	MW-12 A2980914 10/02/2002	Reporting Limit	MW-18 A02-9809 10/02/2002	Sample Value	Reporting Limit
Acenaphthene		UG/L	ND	9	110	94	1900	10	ND	1900	10
Acenaphthylene		UG/L	ND	9	55 J	94	1900	10	ND	1900	10
Anthracene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Benzo(a)anthracene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Benzo(b)fluoranthene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Benzo(k)fluoranthene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Benzo(ghi)perylene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Benzo(a)pyrene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Benzoic acid		UG/L	ND	47	ND	470	9400	48	ND	9400	48
Benzyl alcohol		UG/L	ND	19	ND	190	3800	19	ND	3800	19
Bis(2-chloroethoxy) methane		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Bis(2-chloroethyl) ether		UG/L	ND	9	ND	94	1900	10	ND	1900	10
2,2'-Oxybis(1-chloropropane)		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Bis(2-ethylhexyl) phthalate		UG/L	0.5 J	9	ND	94	1900	10	ND	1900	10
4-Bromophenyl phenyl ether		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Butyl benzyl phthalate		UG/L	ND	9	ND	94	1900	10	ND	1900	10
4-Chloroaniline		UG/L	ND	9	ND	94	1900	10	ND	1900	10
4-Chloro-3-methylphenol		UG/L	ND	9	ND	94	1900	10	ND	1900	10
2-Chloronaphthalene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
2-Chlorophenol		UG/L	ND	9	ND	94	1900	10	ND	1900	10
4-Chlorophenyl phenyl ether		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Chrysene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Dibenz(a,h)anthracene		UG/L	ND	9	68 J	94	1900	10	ND	1900	10
Dibenzofuran		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Di-n-butyl phthalate		UG/L	ND	9	ND	94	1900	10	ND	1900	10
1,2-Dichlorobenzene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
1,3-Dichlorobenzene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
1,4-Dichlorobenzene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
3,3'-Dichlorobenzidine		UG/L	ND	19	ND	190	3800	19	ND	3800	19
2,4-Dichlorophenol		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Diethyl phthalate		UG/L	ND	9	ND	94	1900	10	ND	1900	10
2,4-Dimethylphenol		UG/L	ND	9	36 J	94	1900	10	ND	1900	10
Dimethyl phthalate		UG/L	ND	9	ND	94	1900	10	ND	1900	10
4,6-Dinitro-2-methylphenol		UG/L	ND	47	ND	470	9400	48	ND	9400	48
2,4-Dinitrophenol		UG/L	ND	47	ND	470	9400	48	ND	9400	48
2,4-Dinitrotoluene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
2,6-Dinitrotoluene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Di-n-octyl phthalate		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Fluoranthene		UG/L	ND	9	6 J	94	1900	10	ND	1900	10
Fluorene		UG/L	ND	9	46 J	94	1900	10	ND	1900	10
Hexachlorobenzene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Hexachlorobutadiene		UG/L	ND	9	ND	94	1900	10	ND	1900	10
Hexachlorocyclopentadiene		UG/L	ND	9	ND	94	1900	10	ND	1900	10

NA = Not Applicable ND = Not Detected

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MW-11 A02-9809 10/02/2002	A2980904	MW-12 A02-9809 10/02/2002	A2980914	MW-12 A02-9809 10/02/2002	A2980914DL	MW-18 A02-9809 10/02/2002	A2980913
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/L	ND	9	ND	94	ND	1900	ND	10
Indeno(1,2,3-cd)pyrene	UG/L	ND	9	ND	94	ND	1900	ND	10
Isophorone	UG/L	ND	9	ND	94	ND	1900	ND	10
2-Methylnaphthalene	UG/L	ND	9	680	94	560 DJ	1900	ND	10
2-Methylphenol	UG/L	ND	9	20 J	94	ND	1900	ND	10
4-Methylphenol	UG/L	ND	9	17 J	94	ND	1900	ND	10
Naphthalene	UG/L	ND	9	7700 E	94	14000 D	1900	ND	10
2-Nitroaniline	UG/L	ND	47	ND	470	ND	9400	ND	48
3-Nitroaniline	UG/L	ND	47	ND	470	ND	9400	ND	48
4-Nitroaniline	UG/L	ND	47	ND	470	ND	9400	ND	48
Nitrobenzene	UG/L	ND	9	ND	94	ND	1900	ND	10
2-Nitrophenol	UG/L	ND	9	ND	94	ND	1900	ND	10
4-Nitrophenol	UG/L	ND	47	ND	470	ND	9400	ND	48
N-nitrosodiphenylamine	UG/L	ND	9	ND	94	ND	1900	ND	10
N-Nitroso-Di-n-propylamine	UG/L	ND	9	ND	94	ND	1900	ND	10
Pentachlorophenol	UG/L	ND	47	ND	470	ND	9400	ND	48
Phenanthrene	UG/L	ND	9	52 J	94	ND	1900	ND	10
Phenol	UG/L	ND	9	ND	94	ND	1900	ND	10
Pyrene	UG/L	ND	9	ND	94	ND	1900	ND	10
1,2,4-Trichlorobenzene	UG/L	ND	9	ND	94	ND	1900	ND	10
2,4,5-Trichlorophenol	UG/L	ND	9	ND	94	ND	1900	ND	10
2,4,6-Trichlorophenol	UG/L	ND	9	ND	94	ND	1900	ND	10
1,4-Dichlorobenzene-D4	%	93	50-200	91	50-200	75	50-200	102	50-200
Naphthalene-D8	%	91	50-200	85	50-200	74	50-200	100	50-200
Acenaphthene-D10	%	89	50-200	85	50-200	70	50-200	95	50-200
Phenanthrene-D10	%	94	50-200	90	50-200	73	50-200	102	50-200
Chrysene-D12	%	94	50-200	84	50-200	61	50-200	94	50-200
Perylene-D12	%	97	50-200	85	50-200	66	50-200	96	50-200
Nitrobenzene-D5	%	57	24-125	68	24-125	0 D	24-125	74	24-125
2-Fluorobiphenyl	%	66	25-125	82	25-125	0 D	25-125	79	25-125
p-Terphenyl-d14	%	88	19-152	84	19-152	0 D	19-152	95	19-152
Phenol-D5	%	23	10-110	24	10-110	0 D	10-110	29	10-110
2-Fluorophenol	%	32	20-120	48	20-120	0 D	20-120	42	20-120
2,4,6-Tribromophenol	%	79	28-152	72	28-152	0 D	28-152	85	28-152

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/16/2002
Time: 12:47:23

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date		Lab ID	MW-19 A02-9809 10/02/2002		A2980903		MW-8 A02-9809 10/02/2002		A2980912		MW-9 A02-9809 10/02/2002		A2980915	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Acenaphthene	UG/L	39	9	ND	10	ND	10	16	9	NA	9	ND	9	NA
Acenaphthylene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Anthracene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Benzo(a)anthracene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Benzo(b)fluoranthene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Benzo(k)fluoranthene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Benzo(ghi)perylene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Benzo(a)pyrene	UG/L	ND	47	ND	48	ND	48	ND	47	NA	47	ND	47	NA
Benzoic acid	UG/L	ND	19	ND	19	ND	19	ND	19	NA	19	ND	19	NA
Benzyl alcohol	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Bis(2-chloroethoxy) methane	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Bis(2-chloroethyl) ether	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
2,2'-Oxybis(1-Chloropropane)	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Bis(2-ethylhexyl) phthalate	UG/L	0.5 J	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
4-Bromophenyl phenyl ether	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Butyl benzyl phthalate	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
4-Chloroaniline	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
4-Chloro-3-methylphenol	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
2-Chloronaphthalene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
2-Chlorophenol	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
4-Chlorophenyl phenyl ether	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Chrysene	UG/L	ND	9	0.5 J	10	ND	10	ND	9	NA	9	ND	9	NA
Dibenzo(a,h)anthracene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Dibenzofuran	UG/L	4 J	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Di-n-butyl phthalate	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
1,2-Dichlorobenzene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
1,3-Dichlorobenzene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
1,4-Dichlorobenzene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
3,3'-Dichlorobenzidine	UG/L	ND	19	ND	19	ND	19	ND	19	NA	19	ND	19	NA
2,4-Dichlorophenol	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Diethyl phthalate	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
2,4-Dimethylphenol	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Dimethyl phthalate	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
4,6-Dinitro-2-methylphenol	UG/L	ND	47	ND	48	ND	48	ND	47	NA	47	ND	47	NA
2,4-Dinitrophenol	UG/L	ND	47	ND	48	ND	48	ND	47	NA	47	ND	47	NA
2,4-Dinitrotoluene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
2,6-Dinitrotoluene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Di-n-octyl phthalate	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Fluoranthene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Fluorene	UG/L	8 J	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Hexachlorobenzene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Hexachlorobutadiene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA
Hexachlorocyclopentadiene	UG/L	ND	9	ND	10	ND	10	ND	9	NA	9	ND	9	NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/16/2002
Time: 12:47:23

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-19 A02-9809 10/02/2002	A2980903	MW-8 A02-9809 10/02/2002	A2980912	MW-9 A02-9809 10/02/2002	A2980915	Sample Value	Reporting Limit
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/L		ND	9	ND	10	ND	9	NA	
Indeno(1,2,3-cd)pyrene	UG/L		ND	9	ND	10	ND	9	NA	
Isophorone	UG/L		ND	9	ND	10	ND	9	NA	
2-Methylnaphthalene	UG/L		1 J	9	ND	10	ND	9	NA	
2-Methylphenol	UG/L		ND	9	ND	10	ND	9	NA	
4-Methylphenol	UG/L		ND	9	ND	10	ND	9	NA	
Naphthalene	UG/L		2 J	9	ND	10	2 J	9	NA	
2-Nitroaniline	UG/L		ND	47	ND	48	ND	47	NA	
3-Nitroaniline	UG/L		ND	47	ND	48	ND	47	NA	
4-Nitroaniline	UG/L		ND	47	ND	48	ND	47	NA	
Nitrobenzene	UG/L		ND	9	ND	10	ND	9	NA	
2-Nitrophenol	UG/L		ND	47	ND	48	ND	47	NA	
4-Nitrophenol	UG/L		ND	9	ND	10	ND	9	NA	
N-Nitrosodiphenylamine	UG/L		ND	9	ND	10	ND	9	NA	
N-Nitroso-Di-n-propylamine	UG/L		ND	9	ND	10	ND	9	NA	
Pentachlorophenol	UG/L		ND	47	ND	48	ND	47	NA	
Phenanthrene	UG/L		ND	9	ND	10	ND	9	NA	
Phenol	UG/L		ND	9	ND	10	ND	9	NA	
Pyrene	UG/L		ND	9	ND	10	ND	9	NA	
1,2,4-Trichlorobenzene	UG/L		ND	9	ND	10	ND	9	NA	
2,4,5-Trichlorophenol	UG/L		ND	9	ND	10	24	9	NA	
2,4,6-Trichlorophenol	UG/L		ND	9	ND	10	0.9 J	9	NA	
IS/SURROGATE(S)			ND	9	ND	10	ND	9	NA	
1,4-Dichlorobenzene-D4	%		95	50-200	95	50-200	91	50-200	NA	
Naphthalene-D8	%		94	50-200	94	50-200	88	50-200	NA	
Acenaphthene-D10	%		94	50-200	91	50-200	84	50-200	NA	
Phenanthrene-D10	%		96	50-200	95	50-200	92	50-200	NA	
Chrysene-D12	%		94	50-200	92	50-200	90	50-200	NA	
Perylene-D12	%		101	50-200	95	50-200	88	50-200	NA	
Nitrobenzene-D5	%		65	24-125	80	24-125	76	24-125	NA	
2-Fluorobiphenyl	%		71	25-125	83	25-125	82	25-125	NA	
p-Terphenyl-D14	%		84	19-152	107	19-152	104	19-152	NA	
Phenol-D5	%		28	10-110	32	10-110	30	10-110	NA	
2-Fluorophenol	%		38	20-120	47	20-120	44	20-120	NA	
2,4,6-Tribromophenol	%		91	28-152	95	28-152	96	28-152	NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/16/2002
Time: 12:48:42

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
TOTAL RCRA METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	DUP 1 A02-9809 10/02/2002	A2980909	DUP 2 A02-9809 10/02/2002	A2980910	MW-00-10 A02-9809 10/02/2002	A2980905	MW-00-11 A02-9809 10/02/2002	A2980916
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.0070	0.016	0.0070	0.015	0.0070	ND	0.0070
Barium - Total	MG/L	0.63	0.0010	0.91	0.0010	0.89	0.0010	0.058	0.0010
Cadmium - Total	MG/L	ND	0.0010	ND	0.0010	ND	0.0010	0.0075	0.0010
Chromium - Total	MG/L	0.0074	0.0020	0.011	0.0020	0.012	0.0020	0.0038	0.0020
Lead - Total	MG/L	ND	0.010	ND	0.010	0.011	0.010	ND	0.010
Mercury - Total	MG/L	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020
Selenium - Total	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Silver - Total	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030

Client ID Job No Sample Date	Lab ID	MW-00-12 A02-9809 10/02/2002	A2980906	MW-00-13 A02-9809 10/02/2002	A2980907	MW-00-20 A02-9809 10/02/2002	A2980901	MW-00-9 A02-9809 10/02/2002	A2980911
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	0.0097	0.0070	0.035	0.0070	0.021	0.0070	0.026	0.0070
Barium - Total	MG/L	1.8	0.0010	0.085	0.0010	0.38	0.0010	0.44	0.0010
Cadmium - Total	MG/L	ND	0.0010	ND	0.0010	0.0014	0.0010	0.0045	0.0010
Chromium - Total	MG/L	0.019	0.0020	0.0074	0.0020	0.045	0.0020	0.064	0.0020
Lead - Total	MG/L	0.023	0.010	0.014	0.010	0.056	0.010	0.46	0.010
Mercury - Total	MG/L	ND	0.00020	ND	0.00020	ND	0.00020	0.0025	0.00020
Selenium - Total	MG/L	ND	0.010	0.011	0.010	ND	0.010	ND	0.010
Silver - Total	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	0.0058	0.0030

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	MM-01-26 A02-9809 10/02/2002	A2980908	MM-02-28 A02-9809 10/02/2002	A2980902	MM-11 A02-9809 10/02/2002	A2980904	MM-12 A02-9809 10/02/2002	A2980914
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	0.024	0.0070	0.042	0.0070	0.014	0.0070	0.020	0.0070
Barium - Total	MG/L	0.18	0.0010	2.0	0.0010	0.25	0.0010	0.14	0.0010
Cadmium - Total	MG/L	ND	0.0010	0.0029	0.0010	ND	0.0010	ND	0.0010
Chromium - Total	MG/L	0.015	0.0020	0.075	0.0020	0.026	0.0020	0.0024	0.0020
Lead - Total	MG/L	0.022	0.010	0.18	0.010	0.025	0.010	ND	0.010
Mercury - Total	MG/L	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020
Selenium - Total	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Silver - Total	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030

Client ID Job No Sample Date	Lab ID	MM-18 A02-9809 10/02/2002	A2980913	MM-19 A02-9809 10/02/2002	A2980903	MM-8 A02-9809 10/02/2002	A2980912	MM-9 A02-9809 10/02/2002	A2980915
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	0.024	0.0070	0.019	0.0070	0.030	0.0070	ND	0.0070
Barium - Total	MG/L	0.47	0.0010	1.3	0.0010	0.39	0.0010	0.62	0.0010
Cadmium - Total	MG/L	0.0011	0.0010	0.0021	0.0010	ND	0.0010	ND	0.0010
Chromium - Total	MG/L	0.020	0.0020	0.088	0.0020	0.028	0.0020	0.010	0.0020
Lead - Total	MG/L	0.19	0.010	0.10	0.010	0.025	0.010	0.014	0.010
Mercury - Total	MG/L	0.00057	0.00020	ND	0.00020	ND	0.00020	ND	0.00020
Selenium - Total	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Silver - Total	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030

Date: 10/16/2002 Time: 12:48:42		NATIONAL FUEL GAS NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA WET CHEMISTRY ANALYSIS				Rept: AN0326
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Client ID Job No Sample Date	Lab ID	DUP 1 A02-9809 10/02/2002		DUP 2 A02-9809 10/02/2002		MW-00-10 A02-9809 10/02/2002		MW-00-11 A02-9809 10/02/2002		A2980916
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Amenable Cyanide Cyanide - Total		MG/L	0.14	0.010	0.010	0.12	0.010	0.14	0.010	0.010
		MG/L	0.17	0.010	0.010	0.14	0.010	1.0	0.010	0.10

Client ID Job No Sample Date	Lab ID	MW-00-12 A02-9809 10/02/2002		MW-00-13 A02-9809 10/02/2002		MW-00-20 A02-9809 10/02/2002		MW-00-9 A02-9809 10/02/2002		A2980911
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Amenable Cyanide Cyanide - Total		MG/L	ND	0.010	0.010	ND	0.010	0.065	0.010	0.010
		MG/L	0.31	0.010	0.050	0.93	0.010	0.18	0.010	0.010

Client ID Job No Sample Date	Lab ID	MW-01-26 A02-9809 10/02/2002		MW-02-28 A02-9809 10/02/2002		MW-11 A02-9809 10/02/2002		MW-12 A02-9809 10/02/2002		A2980914
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Amenable Cyanide Cyanide - Total		MG/L	ND	0.010	0.010	0.079	0.010	0.023	0.010	0.050
		MG/L	0.54	0.020	0.010	0.41	0.010	1.2	0.010	0.10

Client ID Job No Sample Date	Lab ID	MW-18 A02-9809 10/02/2002		MW-19 A02-9809 10/02/2002		MW-8 A02-9809 10/02/2002		MW-9 A02-9809 10/02/2002		A2980915
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Amenable Cyanide Cyanide - Total		MG/L	0.081	0.010	0.010	ND	0.010	ND	0.010	0.010
		MG/L	0.084	0.010	0.010	0.48	0.010	0.070	0.010	0.010

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID		BDR-1		BDR-2		BDR-3		DUP 3	
Job No		A02-9860		A02-9860		A02-9860		A02-9860	
Sample Date		10/03/2002		10/03/2002		10/03/2002		10/03/2002	
Lab ID		A2986012		A2986013		A2986011		A2986018	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/L	11 J	25	13 J	25	54	25	9.9 J	25
Benzene	UG/L	5.8	5.0	47	5.0	130	5.0	5.6	5.0
Bromodichloromethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Bromoform	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Bromomethane	UG/L	ND	10	ND	10	ND	10	ND	10
2-Butanone	UG/L	ND	10	ND	10	6.5 J	10	ND	10
Carbon Disulfide	UG/L	1.1 J	5.0	ND	5.0	ND	5.0	1.2 J	5.0
Carbon Tetrachloride	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chlorobenzene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chloroethane	UG/L	ND	10	ND	10	ND	10	ND	10
Chloroform	UG/L	15	5.0	6.3	5.0	6.9	5.0	15	5.0
Chloromethane	UG/L	ND	10	ND	10	ND	10	ND	10
Dibromochloromethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1-Dichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1-Dichloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloroethene (Total)	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloropropane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
cis-1,3-Dichloropropene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
trans-1,3-Dichloropropene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Ethylbenzene	UG/L	2.4 J	5.0	2.1 J	5.0	19	5.0	2.2 J	5.0
2-Hexanone	UG/L	ND	10	ND	10	ND	10	ND	10
Methylene chloride	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
4-Methyl-2-pentanone	UG/L	ND	10	ND	10	ND	10	ND	10
Styrene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,2,2-Tetrachloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Tetrachloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Toluene	UG/L	5.9	5.0	4.4 J	5.0	2.5 J	5.0	6.1	5.0
1,1,1-Trichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,2-Trichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Trichloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Vinyl acetate	UG/L	ND	10	ND	10	ND	10	ND	10
Vinyl chloride	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Total Xylenes	UG/L	12 J	15	5.8 J	15	15	15	12 J	15
IS/SURROGATE(S)									
Chlorobenzene-D5	%	100	50-200	99	50-200	100	50-200	98	50-200
1,4-Difluorobenzene	%	99	50-200	99	50-200	99	50-200	98	50-200
1,4-Dichlorobenzene-D4	%	98	50-200	98	50-200	99	50-200	97	50-200
Toluene-D8	%	101	77-122	103	77-122	101	77-122	102	77-122
p-Bromofluorobenzene	%	93	73-120	92	73-120	93	73-120	92	73-120
1,2-Dichloroethane-D4	%	95	76-136	95	76-136	96	76-136	94	76-136

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Analyte	Units	MW-00-14 A02-9860 10/03/2002	Reporting Limit	MW-00-15 A02-9860 10/03/2002	Reporting Limit	MW-00-16 A02-9860 10/03/2002	Reporting Limit	MW-00-16DL A02-9860 10/03/2002	Reporting Limit
Acetone			UG/L	ND	25	ND	620	6.3 J	25	ND	250
Benzene			UG/L	ND	5.0	4100	120	550 E	5.0	440 D	50
Bromodichloromethane			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Bromoform			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Bromomethane			UG/L	ND	10	ND	250	ND	10	ND	100
2-Butanone			UG/L	ND	10	ND	250	ND	10	ND	100
Carbon Disulfide			UG/L	ND	5.0	ND	120	2.9 J	5.0	ND	50
Carbon Tetrachloride			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Chlorobenzene			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Chloroethane			UG/L	ND	10	ND	250	ND	10	ND	100
Chloroform			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Chloromethane			UG/L	ND	10	ND	250	ND	10	ND	100
Dibromochloromethane			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
1,1-Dichloroethane			UG/L	ND	5.0	ND	120	1.1 J	5.0	ND	50
1,2-Dichloroethane			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
1,1-Dichloroethene (Total)			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
1,2-Dichloropropane			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
cis-1,3-Dichloropropene			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
trans-1,3-Dichloropropene			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Ethylbenzene			UG/L	ND	5.0	610	120	220 E	5.0	160 D	50
2-Hexanone			UG/L	ND	10	ND	250	ND	10	ND	100
Methylene chloride			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
4-Methyl-2-pentanone			UG/L	ND	10	ND	250	ND	10	ND	100
Styrene			UG/L	ND	5.0	430	120	ND	5.0	ND	50
1,1,2,2-Tetrachloroethane			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Tetrachloroethene			UG/L	ND	5.0	ND	120	1.0 J	5.0	ND	50
Toluene			UG/L	ND	5.0	2600	120	660 E	5.0	440 D	50
1,1,1-Trichloroethane			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
1,1,2-Trichloroethane			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Trichloroethene			UG/L	ND	5.0	ND	120	1.3 J	5.0	ND	50
Vinyl acetate			UG/L	ND	10	ND	250	ND	10	ND	100
Vinyl chloride			UG/L	ND	5.0	ND	120	ND	5.0	ND	50
Total Xylenes			UG/L	ND	15	1400	380	1400 E	15	850 D	150
IS/SURROGATE(S)											
Chlorobenzene-D5		%		104	50-200	98	50-200	108	50-200	96	50-200
1,4-Difluorobenzene		%		103	50-200	97	50-200	106	50-200	96	50-200
1,4-Dichlorobenzene-D4		%		99	50-200	99	50-200	114	50-200	95	50-200
Toluene-p8		%		115	77-122	99	77-122	110	77-122	101	77-122
p-Bromofluorobenzene		%		105	73-120	93	73-120	110	73-120	94	73-120
1,2-Dichloroethane-D4		%		116	76-136	96	76-136	111	76-136	97	76-136

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AM0326

Client ID Job No Sample Date	Lab ID	Analyte	Units	MW-00-17 A02-9860 10/03/2002	A2986009	Reporting Limit	Sample Value	MW-00-17DL A02-9860 10/03/2002	A2986009DL	MW-00-22 A02-9860 10/03/2002	Reporting Limit	Sample Value	MW-00-23 A02-9860 10/03/2002	A2986015
Acetone			UG/L	ND	120		ND	1200		ND	25	ND	ND	620
Benzene			UG/L	3600 E	25		3200 D	250		20	5.0	24000 E	24000 E	120
Bromodichloromethane			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Bromoform			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Bromomethane			UG/L	ND	50		ND	500		ND	10	ND	ND	250
2-Butanone			UG/L	ND	50		ND	500		ND	10	ND	ND	250
Carbon Disulfide			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Carbon Tetrachloride			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Chlorobenzene			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Chloroethane			UG/L	ND	50		ND	500		ND	10	ND	ND	250
Chloroform			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Chloromethane			UG/L	ND	50		ND	500		ND	10	ND	ND	250
Dibromochloromethane			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
1,1-Dichloroethane			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
1,2-Dichloroethane			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
1,1-Dichloroethene (Total)			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
1,2-Dichloropropane			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
cis-1,3-Dichloropropene			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
trans-1,3-Dichloropropene			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Ethylbenzene			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
2-Hexanone			UG/L	190	25		160 D.J	250		9.8	5.0	1500	1500	120
Methylene chloride			UG/L	ND	50		ND	500		ND	10	ND	ND	250
4-Methyl-2-pentanone			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Styrene			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
1,1,2,2-Tetrachloroethane			UG/L	ND	25		ND	250		ND	5.0	3600	3600	120
Tetrachloroethene			UG/L	ND	25		ND	250		2.5 J	5.0	ND	ND	120
Toluene			UG/L	220	25		210 D.J	250		2.1 J	5.0	29000 E	29000 E	120
1,1,1-Trichloroethane			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
1,1,2-Trichloroethane			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Trichloroethene			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Vinyl acetate			UG/L	ND	50		ND	500		ND	10	ND	ND	250
Vinyl chloride			UG/L	ND	25		ND	250		ND	5.0	ND	ND	120
Total Xylenes			UG/L	850	75		740 D.J	750		16	15	4800	4800	380
1,2,4,5-TETRACHLOROBENZENE (S)														
Chlorobenzene-D5			%	110	50-200		97	50-200		103	50-200	103	103	50-200
1,4-Difluorobenzene			%	109	50-200		96	50-200		101	50-200	103	103	50-200
1,4-Dichlorobenzene-D4			%	110	50-200		95	50-200		98	50-200	103	103	50-200
Toluene-D8			%	111	77-122		100	77-122		114	77-122	121	121	77-122
p-Bromofluorobenzene			%	108	73-120		93	73-120		107	73-120	120	120	73-120
1,2-Dichloroethane-D4			%	110	76-136		98	76-136		117	76-136	121	121	76-136

MA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-00-23DL A02-9860 10/03/2002	Reporting Limit	MW-00-24 A02-9860 10/03/2002	Sample Value	A2986016	Reporting Limit	MW-00-27 A02-9860 10/03/2002	Sample Value	A2986017	Reporting Limit	MW-00-27DL A02-9860 10/03/2002	Sample Value	A2986017DL
Acetone		UG/L	ND	12000	ND	2.9 J	25	86 J	6900 E	13000 D	120	2500	ND		
Benzene		UG/L	56000 D	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Bromodichloromethane		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Bromoform		UG/L	ND	2500	ND	10	10	ND	ND	ND	25	500	ND		
Bromomethane		UG/L	ND	5000	ND	5.0	5.0	30 J	ND	ND	50	1000	ND		
2-Butanone		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Carbon Disulfide		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Carbon Tetrachloride		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Chlorobenzene		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Chloroethane		UG/L	ND	5000	ND	5.0	5.0	ND	ND	ND	25	1000	ND		
Chloroform		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Chloromethane		UG/L	ND	5000	ND	5.0	5.0	ND	ND	ND	25	1000	ND		
Dibromochloromethane		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
1,1-Dichloroethane		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
1,2-Dichloroethane		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
1,1-Dichloroethene		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
1,2-Dichloroethene (Total)		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
1,2-Dichloropropane		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
cis-1,3-Dichloropropene		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
trans-1,3-Dichloropropene		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Ethylbenzene		UG/L	2900 D	2500	ND	5.0	5.0	440	ND	420 DJ	25	500	ND		
2-Hexanone		UG/L	ND	5000	ND	5.0	5.0	ND	ND	ND	25	1000	ND		
Methylene chloride		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
4-Methyl-2-pentanone		UG/L	ND	5000	ND	5.0	5.0	ND	ND	ND	25	1000	ND		
styrene		UG/L	6400 D	2500	ND	5.0	5.0	1900 E	ND	1400 D	25	500	ND		
1,1,2,2-Tetrachloroethane		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Tetrachloroethene		UG/L	ND	2500	ND	5.0	5.0	8000 E	ND	9000 D	25	500	ND		
Toluene		UG/L	49000 D	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
1,1,1-Trichloroethane		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
1,1,2-Trichloroethane		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Trichloroethene		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Vinyl acetate		UG/L	ND	5000	ND	5.0	5.0	ND	ND	ND	25	1000	ND		
Vinyl chloride		UG/L	ND	2500	ND	5.0	5.0	ND	ND	ND	25	500	ND		
Total Xylenes		UG/L	9300 D	7500	ND	15	15	8900 E	ND	6700 D	75	1500	ND		
15/SURROGATE(S)															
Chlorobenzene-D5		%	100	50-200	98	50-200	50-200	108	108	100	50-200	50-200	50-200		
1,4-Difluorobenzene		%	99	50-200	98	50-200	50-200	106	106	99	50-200	50-200	50-200		
1,4-Dichlorobenzene-D4		%	97	50-200	98	50-200	50-200	114	114	98	50-200	50-200	50-200		
Toluene-D8		%	100	77-122	102	77-122	77-122	116	116	100	77-122	77-122	77-122		
p-Bromofluorobenzene		%	92	73-120	93	73-120	73-120	118	118	94	73-120	73-120	73-120		
1,2-Dichloroethane-D4		%	98	76-136	94	76-136	76-136	116	116	97	76-136	76-136	76-136		

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-01-1 A02-9860 10/03/2002	A2986010	MW-01-25 A02-9860 10/03/2002	A2986005	MW-2 A02-9860 10/03/2002	A2986004	MW-3 A02-9860 10/03/2002	A2986001
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone		UG/L	ND	120	ND	25	18 J	25	ND	50
Benzene		UG/L	66	25	1.3 J	5.0	33	5.0	17	10
Bromodichloromethane		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Bromoform		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Bromomethane		UG/L	ND	50	ND	10	ND	10	ND	20
2-Butanone		UG/L	ND	50	ND	10	ND	10	ND	20
Carbon Disulfide		UG/L	190	25	ND	5.0	78	5.0	16	10
Carbon Tetrachloride		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Chlorobenzene		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Chloroethane		UG/L	ND	50	ND	10	ND	10	ND	20
Chloroform		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Chloromethane		UG/L	ND	50	ND	10	ND	10	ND	20
Dibromochloromethane		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
1,1-Dichloroethane		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
1,2-Dichloroethane		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
1,1-Dichloroethene (Total)		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
1,2-Dichloropropane		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
cis-1,3-Dichloropropene		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
trans-1,3-Dichloropropene		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Ethylbenzene		UG/L	10 J	25	2.3 J	5.0	7.3	5.0	240	10
2-Hexanone		UG/L	ND	50	ND	10	ND	10	ND	20
Methylene chloride		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
4-Methyl-2-pentanone		UG/L	ND	50	ND	10	ND	10	ND	20
Styrene		UG/L	ND	25	ND	5.0	1.3 J	5.0	ND	10
1,1,2,2-Tetrachloroethane		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Tetrachloroethene		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Toluene		UG/L	33	25	ND	5.0	11	5.0	5.4 J	10
1,1,1-Trichloroethane		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
1,1,2-Trichloroethane		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Trichloroethene		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Vinyl acetate		UG/L	ND	50	ND	10	ND	10	ND	20
Vinyl chloride		UG/L	ND	25	ND	5.0	ND	5.0	ND	10
Total Xylenes		UG/L	71 J	75	3.7 J	15	32	15	590	30
IS/SURROGATE(S)										
Chlorobenzene-D5		%	104	50-200	108	50-200	107	50-200	100	50-200
1,4-Difluorobenzene		%	103	50-200	108	50-200	106	50-200	100	50-200
1,4-Dichlorobenzene-D4		%	101	50-200	105	50-200	105	50-200	102	50-200
Toluene-D8		%	118	77-122	113	77-122	115	77-122	101	77-122
p-Bromofluorobenzene		%	114	73-120	106	73-120	109	73-120	94	73-120
1,2-Dichloroethane-D4		%	119	76-136	112	76-136	114	76-136	94	76-136

NA = Not Applicable ND = Not Detected

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Date: 10/17/2002
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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: A00326

Client ID Job No Sample Date		Lab ID	Units	MW-4 A02-9860 10/03/2002	A2986002	MW-5 A02-9860 10/03/2002	A2986003	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte				Sample Value	Reporting Limit	Sample Value	Reporting Limit		Sample Value	Reporting Limit	Sample Value		Sample Value
Acetone			UG/L	ND	25	ND	120		NA		NA		NA
Benzene			UG/L	150	5.0	190	25		NA		NA		NA
Bromodichloromethane			UG/L	ND	5.0	ND	25		NA		NA		NA
Bromoform			UG/L	ND	5.0	ND	25		NA		NA		NA
Bromomethane			UG/L	ND	10	ND	50		NA		NA		NA
2-Butanone			UG/L	ND	10	ND	50		NA		NA		NA
Carbon Disulfide			UG/L	ND	5.0	ND	25		NA		NA		NA
Carbon Tetrachloride			UG/L	ND	5.0	ND	25		NA		NA		NA
Chlorobenzene			UG/L	ND	5.0	ND	25		NA		NA		NA
Chloroethane			UG/L	ND	10	ND	50		NA		NA		NA
Chloroform			UG/L	ND	5.0	ND	25		NA		NA		NA
Chloromethane			UG/L	ND	10	ND	50		NA		NA		NA
Dibromochloromethane			UG/L	ND	5.0	ND	25		NA		NA		NA
1,1-Dichloroethane			UG/L	2.1 J	5.0	ND	25		NA		NA		NA
1,2-Dichloroethane			UG/L	ND	5.0	ND	25		NA		NA		NA
1,1-Dichloroethene			UG/L	ND	5.0	ND	25		NA		NA		NA
1,2-Dichloroethene (Total)			UG/L	1.6 J	5.0	ND	25		NA		NA		NA
1,2-Dichloropropane			UG/L	ND	5.0	ND	25		NA		NA		NA
cis-1,3-Dichloropropene			UG/L	ND	5.0	ND	25		NA		NA		NA
trans-1,3-Dichloropropene			UG/L	ND	5.0	ND	25		NA		NA		NA
Ethylbenzene			UG/L	22	5.0	580	25		NA		NA		NA
2-Hexanone			UG/L	ND	10	ND	50		NA		NA		NA
Methylene chloride			UG/L	ND	5.0	ND	25		NA		NA		NA
4-Methyl-2-pentanone			UG/L	ND	10	ND	50		NA		NA		NA
Styrene			UG/L	ND	5.0	ND	25		NA		NA		NA
1,1,2,2-Tetrachloroethane			UG/L	ND	5.0	ND	25		NA		NA		NA
Tetrachloroethene			UG/L	ND	5.0	ND	25		NA		NA		NA
Toluene			UG/L	ND	5.0	15 J	25		NA		NA		NA
1,1,1-Trichloroethane			UG/L	ND	5.0	ND	25		NA		NA		NA
1,1,2-Trichloroethane			UG/L	ND	5.0	ND	25		NA		NA		NA
Trichloroethene			UG/L	ND	5.0	ND	25		NA		NA		NA
Vinyl acetate			UG/L	ND	10	ND	50		NA		NA		NA
Vinyl chloride			UG/L	ND	5.0	ND	25		NA		NA		NA
Total Xylenes			UG/L	3.4 J	15	50 J	75		NA		NA		NA
---IS/SURROGATE(S)---													
Chlorobenzene-D5			%	101	50-200	108	50-200		NA		NA		NA
1,4-Difluorobenzene			%	98	50-200	105	50-200		NA		NA		NA
1,4-Dichlorobenzene-D4			%	99	50-200	105	50-200		NA		NA		NA
Toluene-D8			%	118	77-122	114	77-122		NA		NA		NA
p-Bromofluorobenzene			%	113	73-120	110	73-120		NA		NA		NA
1,2-Dichloroethane-D4			%	118	76-136	116	76-136		NA		NA		NA

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	BDR-1 A02-9860 10/03/2002	A2986012	BDR-2 A02-9860 10/03/2002	A2986013	BDR-3 A02-9860 10/03/2002	A2986011	DUP 3 A02-9860 10/03/2002	A2986018
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene		UG/L	ND	9	ND	10	ND	9	ND	9
Acenaphthylene		UG/L	ND	9	ND	10	ND	9	ND	9
Anthracene		UG/L	ND	9	ND	10	ND	9	ND	9
Benzo(a)anthracene		UG/L	ND	9	ND	10	ND	9	ND	9
Benzo(b)fluoranthene		UG/L	ND	9	ND	10	ND	9	ND	9
Benzo(k)fluoranthene		UG/L	ND	9	ND	10	ND	9	ND	9
Benzo(ghi)perylene		UG/L	ND	9	ND	10	ND	9	ND	9
Benzo(a)pyrene		UG/L	ND	9	ND	10	ND	9	ND	9
Benzoic acid		UG/L	ND	47	ND	50	62	47	ND	47
Benzyl alcohol		UG/L	ND	19	ND	20	ND	19	ND	19
Bis(2-chloroethoxy) methane		UG/L	ND	9	ND	10	ND	9	ND	9
Bis(2-chloroethyl) ether		UG/L	ND	9	ND	10	ND	9	ND	9
2,2'-oxybis(1-chloropropane)		UG/L	ND	9	ND	10	ND	9	ND	9
Bis(2-ethylhexyl) phthalate		UG/L	11	9	6 J	10	6 J	9	14	9
4-Bromophenyl phenyl ether		UG/L	ND	9	ND	10	ND	9	ND	9
Butyl benzyl phthalate		UG/L	ND	9	ND	10	ND	9	ND	9
4-Chloroaniline		UG/L	ND	9	ND	10	ND	9	ND	9
4-Chloro-3-methylphenol		UG/L	ND	9	ND	10	ND	9	ND	9
2-Chloronaphthalene		UG/L	ND	9	ND	10	ND	9	ND	9
2-Chlorophenol		UG/L	ND	9	ND	10	ND	9	ND	9
4-Chlorophenyl phenyl ether		UG/L	ND	9	ND	10	ND	9	ND	9
Chrysene		UG/L	ND	9	ND	10	ND	9	ND	9
Dibenzo(a,h)anthracene		UG/L	ND	9	ND	10	ND	9	ND	9
Dibenzofuran		UG/L	ND	9	ND	10	ND	9	ND	9
Di-n-butyl phthalate		UG/L	ND	9	2 J	10	2 J	9	ND	9
1,2-Dichlorobenzene		UG/L	ND	9	ND	10	ND	9	ND	9
1,3-Dichlorobenzene		UG/L	ND	9	ND	10	ND	9	ND	9
1,4-Dichlorobenzene		UG/L	ND	9	ND	10	ND	9	ND	9
3,3'-Dichlorobenzidine		UG/L	ND	19	ND	20	ND	19	ND	19
2,4-Dichlorophenol		UG/L	ND	9	ND	10	ND	9	ND	9
Diethyl phthalate		UG/L	ND	9	ND	10	ND	9	ND	9
2,4-Dimethylphenol		UG/L	ND	9	ND	10	ND	9	ND	9
Dimethyl phthalate		UG/L	ND	9	ND	10	ND	9	ND	9
4,6-Dinitro-2-methylphenol		UG/L	ND	47	ND	50	ND	47	ND	47
2,4-Dinitrophenol		UG/L	ND	47	ND	50	ND	47	ND	47
2,4-Dinitrotoluene		UG/L	ND	9	ND	10	ND	9	ND	9
2,6-Dinitrotoluene		UG/L	ND	9	ND	10	ND	9	ND	9
Di-n-octyl phthalate		UG/L	ND	9	ND	10	ND	9	ND	9
Fluoranthene		UG/L	ND	9	ND	10	ND	9	ND	9
Fluorene		UG/L	ND	9	ND	10	ND	9	ND	9
Hexachlorobenzene		UG/L	ND	9	ND	10	ND	9	ND	9
Hexachlorobutadiene		UG/L	ND	9	ND	10	ND	9	ND	9
Hexachlorocyclopentadiene		UG/L	ND	9	ND	10	ND	9	ND	9

NA = Not Applicable ND = Not Detected

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Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	BDR-1 A02-9860 10/03/2002	A2986012	Reporting Limit	Sample Value	BDR-2 A02-9860 10/03/2002	Reporting Limit	BDR-3 A02-9860 10/03/2002	Reporting Limit	Sample Value	DUP 3 A02-9860 10/03/2002	A2986018
Analyte			Sample Value	Reporting Limit		Sample Value	Reporting Limit		Sample Value	Reporting Limit	Sample Value		Reporting Limit
Hexachloroethane		UG/L	ND	9		ND	10		ND	9	ND		9
Indeno(1,2,3-cd)pyrene		UG/L	ND	9		ND	10		ND	9	ND		9
Isophorone		UG/L	ND	9		ND	10		ND	9	ND		9
2-Methylnaphthalene		UG/L	2 J	9		0.5 J	10		ND	9	2 J		9
2-Methylphenol		UG/L	ND	9		ND	10		ND	9	7 J		9
4-Methylphenol		UG/L	ND	9		ND	10		ND	9	11		9
Naphthalene		UG/L	12	9		3 J	10		27	9	28		9
2-Nitroaniline		UG/L	ND	47		ND	50		ND	47	ND		47
3-Nitroaniline		UG/L	ND	47		ND	50		ND	47	ND		47
4-Nitroaniline		UG/L	ND	47		ND	50		ND	47	ND		47
Nitrobenzene		UG/L	ND	9		ND	10		ND	9	ND		9
2-Nitrophenol		UG/L	ND	47		ND	50		ND	47	ND		47
4-Nitrophenol		UG/L	ND	9		ND	10		ND	9	ND		9
N-Nitrosodiphenylamine		UG/L	ND	9		ND	10		ND	9	ND		9
N-Nitroso-Di-n-propylamine		UG/L	ND	9		ND	10		ND	9	ND		9
Pentachlorophenol		UG/L	ND	47		ND	50		ND	47	ND		47
Phenanthrene		UG/L	ND	9		ND	10		ND	9	ND		9
Phenol		UG/L	ND	9		1 J	10		4 J	9	12		9
Pyrene		UG/L	ND	9		ND	10		ND	9	ND		9
1,2,4-Trichlorobenzene		UG/L	ND	9		ND	10		ND	9	ND		9
2,4,5-Trichlorophenol		UG/L	ND	9		ND	10		ND	9	ND		9
2,4,6-Trichlorophenol		UG/L	ND	9		ND	10		ND	9	ND		9
IS/SURROGATE(S)													
1,4-Dichlorobenzene-D4		%	102	50-200		97	50-200		105	50-200	94		50-200
Naphthalene-D8		%	103	50-200		97	50-200		106	50-200	94		50-200
Acenaphthene-D10		%	103	50-200		99	50-200		111	50-200	91		50-200
Phenanthrene-D10		%	102	50-200		95	50-200		108	50-200	94		50-200
Chrysene-D12		%	103	50-200		99	50-200		109	50-200	90		50-200
Perylene-D12		%	103	50-200		98	50-200		106	50-200	90		50-200
Nitrobenzene-D5		%	73	24-125		74	24-125		80	24-125	80		24-125
2-Fluorobiphenyl		%	78	25-125		77	25-125		78	25-125	76		25-125
p-Terphenyl-d14		%	84	19-152		90	19-152		90	19-152	87		19-152
Phenol-D5		%	28	10-110		32	10-110		30	10-110	32		10-110
2-Fluorophenol		%	36	20-120		42	20-120		40	20-120	42		20-120
2,4,6-Tribromophenol		%	89	28-152		93	28-152		96	28-152	91		28-152

NA = Not Applicable ND = Not Detected

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date			Lab ID	MW-00-14 A02-9860 10/03/2002		A2986006	MW-00-15 A02-9860 10/03/2002		A2986014	MW-00-15 A02-9860 10/03/2002		A2986014DL	MW-00-16 A02-9860 10/03/2002		A2986008
Analyte				Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Reporting Limit
Acenaphthene				UG/L	ND	9	ND	93	ND	93	ND	930	48 J	94	
Acenaphthylene				UG/L	ND	9	ND	93	ND	93	210 DJ	930	67 J	94	
Anthracene				UG/L	ND	9	ND	93	ND	93	ND	930	ND	94	
Benzo(a)anthracene				UG/L	ND	9	ND	93	ND	93	ND	930	23 J	94	
Benzo(b)fluoranthene				UG/L	ND	9	ND	93	ND	93	ND	930	ND	94	
Benzo(k)fluoranthene				UG/L	ND	9	ND	93	ND	93	ND	930	18 J	94	
Benzo(ghi)perylene				UG/L	ND	9	ND	93	ND	93	ND	930	ND	94	
Benzo(a)pyrene				UG/L	ND	9	ND	93	ND	93	ND	930	13 J	94	
Benzoic acid				UG/L	ND	47	ND	470	ND	4700	ND	470	ND	470	
Benzyl alcohol				UG/L	ND	19	ND	190	ND	1900	ND	190	ND	190	
Bis(2-chloroethoxy) methane				UG/L	ND	9	ND	93	ND	93	ND	930	ND	94	
Bis(2-chloroethyl) ether				UG/L	ND	9	ND	93	ND	93	ND	930	ND	94	
2,2'-Oxybis(1-Chloropropane)				UG/L	ND	9	ND	93	ND	93	ND	930	ND	94	
Bis(2-ethylhexyl) phthalate				UG/L	ND	9	120	93	ND	930	ND	930	ND	94	
4-Bromophenyl phenyl ether				UG/L	ND	9	ND	93	ND	93	ND	930	ND	94	
Butyl benzyl phthalate				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
4-Chloroaniline				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
4-Chloro-3-methylphenol				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
2-Chloronaphthalene				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
2-Chlorophenol				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
4-Chlorophenyl phenyl ether				UG/L	ND	9	ND	93	ND	930	ND	930	21 J	94	
Chrysene				UG/L	ND	9	41 J	93	ND	930	ND	930	ND	94	
Dibenzo(a,h)anthracene				UG/L	ND	9	ND	93	ND	930	ND	930	140	94	
Dibenzofuran				UG/L	1 J	9	ND	93	ND	930	130 DJ	930	ND	94	
Di-n-butyl phthalate				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
1,2-Dichlorobenzene				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
1,3-Dichlorobenzene				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
1,4-Dichlorobenzene				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
3,3'-Dichlorobenzidine				UG/L	ND	19	ND	190	ND	1900	ND	1900	ND	190	
2,4-Dichlorophenol				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
Diethyl phthalate				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
2,4-Dimethylphenol				UG/L	ND	9	490	93	ND	930	330 DJ	930	390	94	
Dimethyl phthalate				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
4,6-Dinitro-2-methylphenol				UG/L	ND	47	ND	470	ND	4700	ND	4700	ND	470	
2,4-Dinitrophenol				UG/L	ND	47	ND	470	ND	4700	ND	4700	ND	470	
2,4-Dinitrotoluene				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
2,6-Dinitrotoluene				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
Di-n-octyl phthalate				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
Fluoranthene				UG/L	0.7 J	9	ND	93	ND	930	57 DJ	930	60 J	94	
Fluorene				UG/L	ND	9	110	93	ND	930	120 DJ	930	150	94	
Hexachlorobenzene				UG/L	ND	9	190	93	ND	930	ND	930	ND	94	
Hexachlorobutadiene				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	
Hexachlorocyclopentadiene				UG/L	ND	9	ND	93	ND	930	ND	930	ND	94	

NA = Not Applicable ND = Not Detected

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MW-00-14 A02-9860 10/03/2002	A2986006	MW-00-15 A02-9860 10/03/2002	A2986014	MW-00-15 A02-9860 10/03/2002	A2986014DL	MW-00-16 A02-9860 10/03/2002	A2986008
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/L	ND	9	ND	93	ND	930	ND	94
Indeno(1,2,3-cd)pyrene	UG/L	ND	9	14 J	93	ND	930	ND	94
Isophorone	UG/L	ND	9	ND	93	ND	930	ND	94
2-Methylnaphthalene	UG/L	ND	9	900	93	780 DJ	930	31 J	94
2-Methylphenol	UG/L	ND	9	440	93	330 DJ	930	180	94
4-Methylphenol	UG/L	ND	9	530	93	370 DJ	930	210	94
Naphthalene	UG/L	3 J	9	5000 E	93	8000 D	930	2000 E	94
2-Nitroaniline	UG/L	ND	47	ND	470	ND	4700	ND	470
3-Nitroaniline	UG/L	ND	47	ND	470	ND	4700	ND	470
4-Nitroaniline	UG/L	ND	47	ND	470	ND	4700	ND	470
Nitrobenzene	UG/L	ND	9	ND	93	ND	930	ND	94
2-Nitrophenol	UG/L	ND	9	ND	93	ND	930	ND	94
4-Nitrophenol	UG/L	ND	47	ND	470	ND	4700	ND	470
N-nitrosodiphenylamine	UG/L	ND	9	ND	93	ND	930	ND	94
N-Nitroso-Di-n-propylamine	UG/L	ND	9	ND	93	ND	930	ND	94
Pentachlorophenol	UG/L	ND	47	ND	470	ND	4700	ND	470
Phenanthrene	UG/L	ND	9	310	93	270 DJ	930	190	94
Phenol	UG/L	ND	9	200	93	150 DJ	930	33 J	94
Pyrene	UG/L	0.8 J	9	110	93	60 DJ	930	48 J	94
1,2,4-Trichlorobenzene	UG/L	ND	9	ND	93	ND	930	ND	94
2,4,5-Trichlorophenol	UG/L	ND	9	ND	93	ND	930	ND	94
2,4,6-Trichlorophenol	UG/L	ND	9	ND	93	ND	930	ND	94
(S/SURROGATE(S))	UG/L	ND	9	ND	93	ND	930	ND	94
1,4-Dichlorobenzene-D4	%	97	50-200	99	50-200	102	50-200	94	50-200
Naphthalene-D8	%	99	50-200	99	50-200	100	50-200	94	50-200
Acenaphthene-D10	%	100	50-200	103	50-200	97	50-200	96	50-200
Phenanthrene-D10	%	101	50-200	99	50-200	95	50-200	95	50-200
Chrysene-D12	%	106	50-200	98	50-200	87	50-200	93	50-200
Perylene-D12	%	94	50-200	96	50-200	85	50-200	86	50-200
Nitrobenzene-D5	%	73	24-125	71	24-125	0 D	24-125	78	24-125
2-Fluorobiphenyl	%	73	25-125	82	25-125	57 D	25-125	91	25-125
p-Terphenyl-D14	%	86	19-152	76	19-152	0 D	19-152	91	19-152
Phenol-D5	%	29	10-110	29	10-110	0 D	10-110	27	10-110
2-Fluorophenol	%	38	20-120	46	20-120	0 D	20-120	36	20-120
2,4,6-Tribromophenol	%	77	28-152	66	28-152	0 D	28-152	84	28-152

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-00-16DL A02-9860 10/03/2002	A2986008DL	MW-00-17 A02-9860 10/03/2002	A2986009	MW-00-17DL A02-9860 10/03/2002	A2986009DL	MW-00-22 A02-9860 10/03/2002	A2986007
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene		UG/L	41 DJ	380	10	9	ND	230	14 J	94
Aconaphthylene		UG/L	53 DJ	380	6 J	9	ND	230	ND	94
Anthracene		UG/L	ND	380	ND	9	ND	230	ND	94
Benzo(a)anthracene		UG/L	ND	380	ND	9	ND	230	5 J	94
Benzo(b)fluoranthene		UG/L	ND	380	ND	9	ND	230	ND	94
Benzo(k)fluoranthene		UG/L	ND	380	ND	9	ND	230	5 J	94
Benzo(ghi)perylene		UG/L	ND	380	ND	9	ND	230	ND	94
Benzo(a)pyrene		UG/L	ND	380	ND	9	ND	230	5 J	94
Benzoic acid		UG/L	ND	1900	ND	47	ND	1200	ND	470
Benzyl alcohol		UG/L	ND	750	ND	19	ND	470	ND	190
Bis(2-chloroethoxy) methane		UG/L	ND	380	ND	9	ND	230	ND	94
Bis(2-chloroethyl) ether		UG/L	ND	380	ND	9	ND	230	ND	94
2,2'-Oxybis(1-Chloropropane)		UG/L	ND	380	ND	9	ND	230	ND	94
Bis(2-ethylhexyl) phthalate		UG/L	ND	380	0.6 J	9	ND	230	ND	94
4-Bromophenyl phenyl ether		UG/L	ND	380	ND	9	ND	230	ND	94
Butyl benzyl phthalate		UG/L	ND	380	ND	9	ND	230	ND	94
4-Chloroaniline		UG/L	ND	380	ND	9	ND	230	ND	94
4-Chloro-3-methylphenol		UG/L	ND	380	ND	9	ND	230	ND	94
2-Chloronaphthalene		UG/L	ND	380	ND	9	ND	230	ND	94
2-Chlorophenol		UG/L	ND	380	ND	9	ND	230	ND	94
4-Chlorophenyl phenyl ether		UG/L	ND	380	ND	9	ND	230	ND	94
Chrysene		UG/L	ND	380	ND	9	ND	230	6 J	94
Dibenzo(a,h)anthracene		UG/L	ND	380	ND	9	ND	230	ND	94
Dibenzofuran		UG/L	130 DJ	380	10	9	ND	230	27 J	94
Di-n-butyl phthalate		UG/L	ND	380	ND	9	ND	230	ND	94
1,2-Dichlorobenzene		UG/L	ND	380	ND	9	ND	230	ND	94
1,3-Dichlorobenzene		UG/L	ND	380	ND	9	ND	230	ND	94
1,4-Dichlorobenzene		UG/L	ND	380	ND	9	ND	230	ND	94
3,3'-Dichlorobenzidine		UG/L	ND	750	ND	19	ND	470	ND	190
2,4-Dichlorophenol		UG/L	ND	380	ND	9	ND	230	ND	94
Diethyl phthalate		UG/L	ND	380	ND	9	ND	230	ND	94
2,4-Dimethylphenol		UG/L	330 DJ	380	740 E	9	730 D	230	ND	94
Dimethyl phthalate		UG/L	ND	380	ND	9	ND	230	ND	94
4,6-Dinitro-2-methylphenol		UG/L	ND	1900	ND	47	ND	1200	ND	470
2,4-Dinitrophenol		UG/L	ND	1900	ND	47	ND	1200	ND	470
2,4-Dinitrotoluene		UG/L	ND	380	ND	9	ND	230	ND	94
2,6-Dinitrotoluene		UG/L	ND	380	ND	9	ND	230	ND	94
Di-n-octyl phthalate		UG/L	ND	380	ND	9	ND	230	ND	94
Fluoranthene		UG/L	47 DJ	380	ND	9	ND	230	17 J	94
Fluorene		UG/L	130 DJ	380	3 J	9	ND	230	18 J	94
Hexachlorobenzene		UG/L	ND	380	ND	9	ND	230	ND	94
Hexachlorobutadiene		UG/L	ND	380	ND	9	ND	230	ND	94
Hexachlorocyclopentadiene		UG/L	ND	380	ND	9	ND	230	ND	94

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MW-00-16DL A02-9860 10/03/2002	A2986008DL	MW-00-17 A02-9860 10/03/2002	A2986009	MW-00-17DL A02-9860 10/03/2002	A2986009DL	MW-00-22 A02-9860 10/03/2002	A2986007
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/L	ND	380	ND	9	ND	230	ND	94
Indeno(1,2,3-cd)pyrene	UG/L	ND	380	ND	9	ND	230	ND	94
Isophorone	UG/L	ND	380	ND	9	ND	230	ND	94
2-Methylnaphthalene	UG/L	25 DJ	380	150	9	130 DJ	230	74 J	94
2-Methylphenol	UG/L	160 DJ	380	410 E	9	510 D	230	ND	94
4-Methylphenol	UG/L	170 DJ	380	540 E	9	630 D	230	ND	94
Naphthalene	UG/L	2500 D	380	1100 E	9	2900 D	230	120	94
2-Nitroaniline	UG/L	ND	1900	ND	47	ND	1200	ND	470
3-Nitroaniline	UG/L	ND	1900	ND	47	ND	1200	ND	470
4-Nitroaniline	UG/L	ND	1900	ND	47	ND	1200	ND	470
Nitrobenzene	UG/L	ND	380	ND	9	ND	230	ND	94
2-Nitrophenol	UG/L	ND	380	ND	9	ND	230	ND	94
4-Nitrophenol	UG/L	ND	1900	ND	47	ND	1200	ND	470
N-Nitrosodiphenylamine	UG/L	ND	380	ND	9	ND	230	ND	94
N-Nitroso-Di-n-propylamine	UG/L	ND	380	ND	9	ND	230	ND	470
Pentachlorophenol	UG/L	180 DJ	380	3 J	9	ND	230	32 J	94
Phenanthrene	UG/L	ND	380	290 E	9	300 D	230	ND	94
Phenol	UG/L	38 DJ	380	ND	9	ND	230	14 J	94
Pyrene	UG/L	ND	380	ND	9	ND	230	ND	94
1,2,4-Trichlorobenzene	UG/L	ND	380	ND	9	ND	230	ND	94
2,4,5-Trichlorophenol	UG/L	ND	380	ND	9	ND	230	ND	94
2,4,6-Trichlorophenol	UG/L	ND	380	ND	9	ND	230	ND	94
1,4-Dichlorobenzene-D4	%	99	50-200	97	50-200	103	50-200	93	50-200
Naphthalene-D8	%	96	50-200	88	50-200	102	50-200	91	50-200
Acenaphthene-D10	%	96	50-200	97	50-200	100	50-200	94	50-200
Phenanthrene-D10	%	95	50-200	93	50-200	100	50-200	90	50-200
Chrysene-D12	%	88	50-200	98	50-200	90	50-200	89	50-200
Perylene-D12	%	87	50-200	90	50-200	89	50-200	81	50-200
Nitrobenzene-D5	%	55 D	24-125	92	24-125	56 D	24-125	66	24-125
2-Fluorobiphenyl	%	83 D	25-125	82	25-125	73 D	25-125	80	25-125
p-Terphenyl-d14	%	74 D	19-152	80	19-152	61 D	19-152	87	19-152
Phenol-D5	%	20 D	10-110	44	10-110	38 D	10-110	24	10-110
2-Fluorophenol	%	28 D	20-120	46	20-120	35 D	20-120	36	20-120
2,4,6-Tribromophenol	%	44 D	28-152	102	28-152	40 D	28-152	60	28-152

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-00-23 A02-9860 10/03/2002	Reporting Limit	MW-00-23DL A02-9860 10/03/2002	Reporting Limit	MW-00-24 A02-9860 10/03/2002	Reporting Limit	MW-00-27 A02-9860 10/03/2002	Reporting Limit
Analyte			Sample Value		Sample Value		Sample Value		Sample Value	
Acenaphthene		UG/L	160 J	190	ND	1900	ND	9	41 J	190
Acenaphthylene		UG/L	530	190	360 DJ	1900	ND	9	330	190
Anthracene		UG/L	310	190	200 DJ	1900	ND	9	81 J	190
Benzo(a)anthracene		UG/L	210	190	120 DJ	1900	ND	9	52 J	190
Benzo(b)fluoranthene		UG/L	73 J	190	ND	1900	ND	9	28 J	190
Benzo(k)fluoranthene		UG/L	88 J	190	ND	1900	ND	9	31 J	190
Benzo(ghi)perylene		UG/L	140 J	190	ND	1900	ND	9	18 J	190
Benzo(a)pyrene		UG/L	220	190	97 DJ	1900	ND	9	39 J	190
Benzoic acid		UG/L	ND	940	ND	9400	ND	47	ND	940
Benzyl alcohol		UG/L	ND	380	ND	3800	ND	19	ND	380
Bis(2-chloroethoxy) methane		UG/L	ND	190	ND	1900	ND	9	ND	190
Bis(2-chloroethyl) ether		UG/L	ND	190	ND	1900	ND	9	ND	190
2,2'-oxybis(1-chloropropane)		UG/L	ND	190	ND	1900	ND	9	ND	190
Bis(2-ethylhexyl) phthalate		UG/L	58 J	190	ND	1900	ND	9	ND	190
4-Bromophenyl phenyl ether		UG/L	ND	190	ND	1900	ND	9	ND	190
Butyl benzyl phthalate		UG/L	ND	190	ND	1900	ND	9	ND	190
4-Chloroaniline		UG/L	ND	190	ND	1900	ND	9	ND	190
4-Chloro-3-methylphenol		UG/L	ND	190	ND	1900	ND	9	ND	190
2-Chloronaphthalene		UG/L	ND	190	ND	1900	ND	9	ND	190
2-Chlorophenol		UG/L	ND	190	ND	1900	ND	9	ND	190
4-Chlorophenyl phenyl ether		UG/L	ND	190	ND	1900	ND	9	ND	190
Chrysene		UG/L	210	190	150 DJ	1900	ND	9	44 J	190
Dibenz(a,h)anthracene		UG/L	23 J	190	ND	1900	ND	9	ND	190
Dibenzofuran		UG/L	28 J	190	ND	1900	ND	9	160 J	190
Di-n-butyl phthalate		UG/L	ND	190	ND	1900	ND	9	ND	190
1,2-Dichlorobenzene		UG/L	ND	190	ND	1900	ND	9	ND	190
1,3-Dichlorobenzene		UG/L	ND	190	ND	1900	ND	9	ND	190
1,4-Dichlorobenzene		UG/L	ND	190	ND	1900	ND	9	ND	190
3,3'-Dichlorobenzidine		UG/L	ND	380	ND	3800	ND	19	ND	380
2,4-Dichlorophenol		UG/L	ND	190	ND	1900	ND	9	ND	190
Diethyl phthalate		UG/L	ND	190	ND	1900	ND	9	ND	190
2,4-Dimethylphenol		UG/L	180 J	190	100 DJ	1900	ND	9	12000 E	190
Dimethyl phthalate		UG/L	ND	190	ND	1900	ND	9	ND	190
4,6-Dinitro-2-methylphenol		UG/L	ND	940	ND	9400	ND	47	ND	940
2,4-Dinitrophenol		UG/L	ND	940	ND	9400	ND	47	ND	940
2,4-Dinitrotoluene		UG/L	ND	190	ND	1900	ND	9	ND	190
2,6-Dinitrotoluene		UG/L	ND	190	ND	1900	ND	9	ND	190
Di-n-octyl phthalate		UG/L	ND	190	ND	1900	ND	9	ND	190
Fluoranthene		UG/L	340	190	220 DJ	1900	ND	9	120 J	190
Fluorene		UG/L	330	190	220 DJ	1900	ND	9	120 J	190
Hexachlorobenzene		UG/L	ND	190	ND	1900	ND	9	ND	190
Hexachlorobutadiene		UG/L	ND	190	ND	1900	ND	9	ND	190
Hexachlorocyclopentadiene		UG/L	ND	190	ND	1900	ND	9	ND	190

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MW-00-23 A02-9860 10/03/2002	A2986015	Reporting Limit	Sample Value	MW-00-23DL A02-9860 10/03/2002	A2986015DL	Reporting Limit	Sample Value	MW-00-24 A02-9860 10/03/2002	A2986016	Reporting Limit	Sample Value	MW-00-27 A02-9860 10/03/2002	A2986017
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/L	ND	190	ND	1900	ND	1900	9	ND	ND	9	9	ND	190	190
Indeno(1,2,3-cd)pyrene	UG/L	67 J	190	ND	1900	ND	1900	9	ND	ND	9	9	17 J	190	190
Isophorone	UG/L	ND	190	ND	1900	ND	1900	9	ND	ND	9	9	ND	190	190
2-Methylnaphthalene	UG/L	2100	190	2100 D	1900	2100 D	1900	9	ND	ND	9	9	820	190	190
2-Methylphenol	UG/L	190	190	120 DJ	1900	120 DJ	1900	9	ND	ND	9	9	13000 E	190	190
4-Methylphenol	UG/L	210	190	120 DJ	1900	120 DJ	1900	9	0.6 J	24000 E	9	9	24000 E	190	190
Naphthalene	UG/L	7400 E	190	10000 D	1900	10000 D	1900	9	4 J	9800 E	9	9	9800 E	190	190
2-Nitroaniline	UG/L	ND	940	ND	9400	ND	9400	47	ND	ND	47	47	ND	940	940
3-Nitroaniline	UG/L	ND	940	ND	9400	ND	9400	47	ND	ND	47	47	ND	940	940
4-Nitroaniline	UG/L	ND	940	ND	9400	ND	9400	9	ND	ND	9	9	ND	190	190
Nitrobenzene	UG/L	ND	190	ND	1900	ND	1900	9	ND	ND	9	9	ND	190	190
2-Nitrophenol	UG/L	ND	190	ND	1900	ND	1900	47	ND	ND	47	47	ND	940	940
4-Nitrophenol	UG/L	ND	940	ND	9400	ND	9400	9	ND	ND	9	9	ND	190	190
N-Nitrosodiphenylamine	UG/L	ND	190	ND	1900	ND	1900	9	ND	ND	9	9	ND	190	190
N-Nitroso-Di-n-propylamine	UG/L	ND	190	ND	1900	ND	1900	47	ND	ND	47	47	ND	940	940
Pentachlorophenol	UG/L	ND	940	ND	9400	ND	9400	9	ND	ND	9	9	280	190	190
Phenanthrene	UG/L	1300	190	1300 DJ	1900	1300 DJ	1900	9	ND	ND	9	9	15000 E	190	190
Phenol	UG/L	180 J	190	ND	1900	ND	1900	9	ND	ND	9	9	110 J	190	190
Pyrene	UG/L	930	190	740 DJ	1900	740 DJ	1900	9	ND	ND	9	9	ND	190	190
1,2,4-Trichlorobenzene	UG/L	ND	190	ND	1900	ND	1900	9	ND	ND	9	9	ND	190	190
2,4,5-Trichlorophenol	UG/L	ND	190	ND	1900	ND	1900	9	ND	ND	9	9	ND	190	190
2,4,6-Trichlorophenol	UG/L	ND	190	ND	1900	ND	1900	9	ND	ND	9	9	ND	190	190
IS/SURROGATE(S)															
1,4-Dichlorobenzene-D4	%	98	50-200	101	50-200	101	50-200	50-200	92	92	50-200	50-200	99	50-200	50-200
Naphthalene-DB	%	96	50-200	99	50-200	99	50-200	50-200	88	88	50-200	50-200	96	50-200	50-200
Acenaphthene-D10	%	97	50-200	97	50-200	97	50-200	50-200	87	87	50-200	50-200	96	50-200	50-200
Phenanthrene-D10	%	98	50-200	96	50-200	96	50-200	50-200	93	93	50-200	50-200	98	50-200	50-200
Chrysene-D12	%	93	50-200	87	50-200	87	50-200	50-200	96	96	50-200	50-200	89	50-200	50-200
Perylene-D12	%	96	50-200	85	50-200	85	50-200	50-200	90	90	50-200	50-200	88	50-200	50-200
Nitrobenzene-D5	%	61	24-125	0 D	24-125	0 D	24-125	24-125	72	72	24-125	24-125	72	24-125	24-125
2-Fluorobiphenyl	%	75	25-125	0 D	25-125	0 D	25-125	25-125	77	77	25-125	25-125	90	25-125	25-125
p-Terphenyl-d14	%	69	19-152	0 D	19-152	0 D	19-152	19-152	91	91	19-152	19-152	82	19-152	19-152
Phenol-D5	%	28	10-110	0 D	10-110	0 D	10-110	10-110	28	28	10-110	10-110	28	10-110	10-110
2-Fluorophenol	%	41	20-120	0 D	20-120	0 D	20-120	20-120	37	37	20-120	20-120	57	20-120	20-120
2,4,6-Tribromophenol	%	56	28-152	0 D	28-152	0 D	28-152	28-152	80	80	28-152	28-152	64	28-152	28-152

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-00-270L A02-9860 10/03/2002	Reporting Limit	MW-01-1 A02-9860 10/03/2002	Sample Value	A29860170L	Reporting Limit	MW-01-1 A02-9860 10/03/2002	Sample Value	A2986010DL	Reporting Limit	MW-01-1 A02-9860 10/03/2002	Sample Value	A2986010DR
Acenaphthene		UG/L	ND	3800	1 J	ND	3800	9	ND	ND	47	94	ND	ND	94
Acenaphthylene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Anthracene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Benzo(a)anthracene		UG/L	ND	3800	2 J	ND	3800	9	ND	ND	47	94	ND	ND	94
Benzo(b)fluoranthene		UG/L	ND	3800	2 J	ND	3800	9	ND	ND	47	94	ND	ND	94
Benzo(k)fluoranthene		UG/L	ND	3800	2 J	ND	3800	9	ND	ND	47	94	ND	ND	94
Benzo(ghi)perylene		UG/L	ND	3800	1 J	ND	3800	9	ND	ND	47	94	ND	ND	94
Benzo(a)pyrene		UG/L	ND	3800	1 J	ND	3800	9	ND	ND	47	94	ND	ND	94
Benzoic acid		UG/L	ND	19000	ND	ND	19000	47	ND	ND	230	470	ND	ND	470
Benzyl alcohol		UG/L	ND	7500	0.8 J	ND	7500	19	ND	ND	94	190	ND	ND	190
Bis(2-chloroethoxy) methane		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Bis(2-chloroethyl) ether		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
2,2'-Oxybis(1-Chloropropane)		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Bis(2-ethylhexyl) phthalate		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
4-Bromophenyl phenyl ether		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Butyl benzyl phthalate		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
4-Chloroaniline		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
4-Chloro-3-methylphenol		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
2-Chloronaphthalene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
2-Chlorophenol		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
4-Chlorophenyl phenyl ether		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Chrysene		UG/L	ND	3800	2 J	ND	3800	9	ND	ND	47	94	ND	ND	94
Dibenzo(a,h)anthracene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Dibenzofuran		UG/L	ND	3800	13	ND	3800	9	ND	ND	47	94	ND	ND	94
Di-n-butyl phthalate		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
1,2-Dichlorobenzene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
1,3-Dichlorobenzene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
1,4-Dichlorobenzene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
3,3'-Dichlorobenzidine		UG/L	ND	7500	ND	ND	7500	19	ND	ND	94	190	ND	ND	190
2,4-Dichlorophenol		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Diethyl phthalate		UG/L	ND	3800	6 J	ND	3800	9	ND	ND	47	94	ND	ND	94
2,4-Dimethylphenol		UG/L	12000 D	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Dimethyl phthalate		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
4,6-Dinitro-2-methylphenol		UG/L	ND	19000	ND	ND	19000	47	ND	ND	230	470	ND	ND	470
2,4-Dinitrophenol		UG/L	ND	19000	ND	ND	19000	47	ND	ND	230	470	ND	ND	470
2,4-Dinitrotoluene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
2,6-Dinitrotoluene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Di-n-octyl phthalate		UG/L	ND	3800	9	ND	3800	9	ND	ND	47	94	ND	ND	94
Fluoranthene		UG/L	ND	3800	3 J	ND	3800	9	ND	ND	47	94	ND	ND	94
Fluorene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Hexachlorobenzene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Hexachlorobutadiene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94
Hexachlorocyclopentadiene		UG/L	ND	3800	ND	ND	3800	9	ND	ND	47	94	ND	ND	94

NA = Not Applicable ND = Not Detected

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Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Analyte	Units	MW-00-27DL A02-9860 10/03/2002	Reporting Limit	MW-01-1 A02-9860 10/03/2002	Sample Value	A2986010	Reporting Limit	MW-01-1 A02-9860 10/03/2002	Sample Value	Reporting Limit	A2986010DL	Sample Value	Reporting Limit	MW-01-1 A02-9860 10/03/2002	Sample Value
Hexachloroethane		UG/L		ND	3800		ND	9	9		ND	47		ND	47		ND
Indeno(1,2,3-cd)pyrene		UG/L		ND	3800		ND	9	9		ND	47		ND	47		ND
Isophorone		UG/L		ND	3800		ND	9	9		ND	47		ND	47		ND
2-Methylnaphthalene		UG/L		590 DJ	3800		51	9	9		42 DJ	47		120 D	47		94
2-Methylphenol		UG/L		15000 D	3800		3 J	9	9		ND	47		5 DJ	47		94
4-Methylphenol		UG/L		31000 D	3800		3 J	9	9		ND	47		5 DJ	47		94
Naphthalene		UG/L		15000 D	3800		300 E	9	9		360 D	47		920 D	47		94
2-Nitroaniline		UG/L		ND	19000		ND	47	47		ND	230		ND	230		470
3-Nitroaniline		UG/L		ND	19000		ND	47	47		ND	230		ND	230		470
4-Nitroaniline		UG/L		ND	3800		ND	9	9		ND	47		ND	47		94
Nitrobenzene		UG/L		ND	3800		ND	9	47		ND	230		ND	230		470
2-Nitrophenol		UG/L		ND	19000		ND	9	9		ND	47		ND	47		94
4-Nitrophenol		UG/L		ND	3800		ND	9	9		ND	47		ND	47		94
N-nitrosodiphenylamine		UG/L		ND	3800		ND	9	9		ND	47		ND	47		94
N-Nitroso-Di-n-propylamine		UG/L		ND	3800		ND	9	9		ND	47		ND	47		94
Pentachlorophenol		UG/L		ND	19000		ND	47	47		ND	230		ND	230		470
Phenanthrene		UG/L		ND	3800		20	9	9		16 DJ	47		36 DJ	47		94
Phenol		UG/L		16000 D	3800		ND	9	9		ND	47		ND	47		94
Pyrene		UG/L		ND	3800		ND	9	9		4 DJ	47		ND	47		94
1,2,4-Trichlorobenzene		UG/L		ND	3800		ND	9	9		ND	47		ND	47		94
2,4,5-Trichlorophenol		UG/L		ND	3800		ND	9	9		ND	47		ND	47		94
2,4,6-Trichlorophenol		UG/L		ND	3800		ND	9	9		ND	47		ND	47		94
IS/SURROGATE(S)		UG/L		ND	3800		ND	9	9		ND	47		ND	47		94
1,4-Dichlorobenzene-D4		%		106	50-200		108	50-200	50-200		120	50-200		108	50-200		50-200
Naphthalene-D8		%		104	50-200		110	50-200	50-200		117	50-200		109	50-200		50-200
Acenaphthene-D10		%		101	50-200		113	50-200	50-200		114	50-200		108	50-200		50-200
Phenanthrene-D10		%		95	50-200		111	50-200	50-200		120	50-200		103	50-200		50-200
Chrysene-D12		%		86	50-200		121	50-200	50-200		110	50-200		75	50-200		50-200
Perylene-D12		%		84	50-200		121	50-200	50-200		106	50-200		60	50-200		50-200
Nitrobenzene-D5		%		0 D	24-125		19 *	24-125	24-125		12 *	24-125		36	24-125		24-125
2-Fluorobiphenyl		%		0 D	25-125		22 *	25-125	25-125		16 *	25-125		56	25-125		25-125
p-Terphenyl-d14		%		0 D	19-152		20	19-152	19-152		16 *	19-152		65	19-152		19-152
Phenol-D5		%		0 D	10-110		7 *	10-110	10-110		5 *	10-110		15	10-110		10-110
2-Fluorophenol		%		0 D	20-120		10 *	20-120	20-120		7 *	20-120		17 *	20-120		20-120
2,4,6-Tribromophenol		%		0 D	28-152		22 *	28-152	28-152		10 *	28-152		43	28-152		28-152

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID Job No Sample Date	Lab ID	Units	MW-01-1 A02-9860 10/03/2002		MW-01-25 A02-9860 10/03/2002		MW-2 A02-9860 10/03/2002		MW-3 A02-9860 10/03/2002	
			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene		UG/L	ND	47	ND	9	ND	95	10 J	95
Acenaphthylene		UG/L	ND	47	ND	9	ND	95	ND	95
Anthracene		UG/L	ND	47	ND	9	ND	95	14 J	95
Benzo(a)anthracene		UG/L	3 J	47	ND	9	ND	95	15 J	95
Benzo(b)fluoranthene		UG/L	ND	47	ND	9	ND	95	11 J	95
Benzo(k)fluoranthene		UG/L	2 J	47	ND	9	ND	95	9 J	95
Benzo(ghi)perylene		UG/L	ND	47	ND	9	ND	95	7 J	95
Benzo(a)pyrene		UG/L	ND	47	ND	9	ND	95	9 J	95
Benzoic acid		UG/L	ND	230	ND	47	ND	470	ND	480
Benzyl alcohol		UG/L	ND	93	ND	19	ND	190	ND	190
Bis(2-chlorooctoxy) methane		UG/L	ND	47	ND	9	ND	95	ND	95
Bis(2-chloroethyl) ether		UG/L	ND	47	ND	9	ND	95	ND	95
2,2'-Oxybis(1-Chloropropane)		UG/L	ND	47	ND	9	ND	95	ND	95
Bis(2-ethylhexyl) phthalate		UG/L	ND	47	ND	9	ND	95	ND	95
4-Bromophenyl phenyl ether		UG/L	ND	47	ND	9	ND	95	ND	95
Butyl benzyl phthalate		UG/L	ND	47	ND	9	ND	95	ND	95
4-Chloroaniline		UG/L	ND	47	ND	9	ND	95	ND	95
4-Chloro-3-methylphenol		UG/L	ND	47	ND	9	ND	95	ND	95
2-Chloronaphthalene		UG/L	ND	47	ND	9	ND	95	ND	95
2-Chlorophenol		UG/L	ND	47	ND	9	ND	95	ND	95
4-Chlorophenyl phenyl ether		UG/L	ND	47	ND	9	ND	95	ND	95
Chrysene		UG/L	3 J	47	ND	9	ND	95	13 J	95
Dibenzo(a,h)anthracene		UG/L	ND	47	ND	9	ND	95	ND	95
Dibenzofuran		UG/L	28 J	47	ND	9	6 J	95	17 J	95
Di-n-butyl phthalate		UG/L	ND	47	ND	9	ND	95	ND	95
1,2-Dichlorobenzene		UG/L	ND	47	ND	9	ND	95	ND	95
1,3-Dichlorobenzene		UG/L	ND	47	ND	9	ND	95	ND	95
1,4-Dichlorobenzene		UG/L	ND	47	ND	9	ND	95	ND	95
3,3'-Dichlorobenzidine		UG/L	ND	93	ND	19	ND	190	ND	190
2,4-Dichlorophenol		UG/L	ND	47	ND	9	ND	95	ND	95
Diethyl phthalate		UG/L	ND	47	ND	9	ND	95	ND	95
2,4-Dimethylphenol		UG/L	15 J	47	ND	9	ND	95	ND	95
Dimethyl phthalate		UG/L	ND	47	ND	9	ND	95	ND	95
4,6-Dinitro-2-methylphenol		UG/L	ND	230	ND	47	ND	470	ND	480
2,4-Dinitrophenol		UG/L	ND	230	ND	47	ND	470	ND	480
2,4-Dinitrotoluene		UG/L	ND	47	ND	9	ND	95	ND	95
2,6-Dinitrotoluene		UG/L	ND	47	ND	9	ND	95	ND	95
Di-n-octyl phthalate		UG/L	ND	47	ND	9	ND	95	ND	95
Fluoranthene		UG/L	12 J	47	ND	9	ND	95	47 J	95
Fluorene		UG/L	7 J	47	ND	9	ND	95	25 J	95
Hexachlorobenzene		UG/L	ND	47	ND	9	ND	95	ND	95
Hexachlorobutadiene		UG/L	ND	47	ND	9	ND	95	ND	95
Hexachlorocyclopentadiene		UG/L	ND	47	ND	9	ND	95	ND	95

Date: 10/17/2002
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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD B270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-01-1 A02-9860 10/03/2002	A2986010RE	MW-01-25 A02-9860 10/03/2002	A2986005	MW-2 A02-9860 10/03/2002	A2986004	MW-3 A02-9860 10/03/2002	A2986001
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/L		ND	47	ND	9	ND	95	ND	95
Indeno(1,2,3-cd)pyrene	UG/L		ND	47	ND	9	ND	95	6 J	95
Isophorone	UG/L		ND	47	ND	9	ND	95	ND	95
2-Methylnaphthalene	UG/L		130	47	ND	9	47 J	95	6 J	95
2-Methylphenol	UG/L		6 J	47	ND	9	ND	95	ND	95
4-Methylphenol	UG/L		6 J	47	ND	9	ND	95	ND	95
Naphthalene	UG/L		860 E	47	1 J	9	510	95	510	95
2-Nitroaniline	UG/L		ND	230	ND	47	ND	470	ND	480
3-Nitroaniline	UG/L		ND	230	ND	47	ND	470	ND	480
4-Nitroaniline	UG/L		ND	230	ND	47	ND	470	ND	480
Nitrobenzene	UG/L		ND	47	ND	9	ND	95	ND	95
2-Nitrophenol	UG/L		ND	47	ND	47	ND	470	ND	480
4-Nitrophenol	UG/L		ND	230	ND	47	ND	95	ND	95
N-nitrosodiphenylamine	UG/L		ND	47	ND	9	ND	95	ND	95
N-nitroso-di-n-propylamine	UG/L		ND	47	ND	9	ND	95	ND	95
Pentachlorophenol	UG/L		38 J	230	ND	47	ND	470	18 J	480
Phenanthrene	UG/L		ND	47	ND	9	ND	95	ND	95
Phenol	UG/L		10 J	47	ND	9	ND	95	42 J	95
Pyrene	UG/L		ND	47	ND	9	ND	95	ND	95
1,2,4-Trichlorobenzene	UG/L		ND	47	ND	9	ND	95	ND	95
2,4,5-Trichlorophenol	UG/L		ND	47	ND	9	ND	95	ND	95
2,4,6-Trichlorophenol	UG/L		ND	47	ND	9	ND	95	ND	95
1,5-SURROGATE(S)										
1,4-Dichlorobenzene-D4	%		107	50-200	94	50-200	104	50-200	82	50-200
Naphthalene-D8	%		108	50-200	93	50-200	104	50-200	82	50-200
Acenaphthene-D10	%		110	50-200	95	50-200	105	50-200	77	50-200
Phenanthrene-D10	%		106	50-200	95	50-200	106	50-200	81	50-200
Chrysene-D12	%		78	50-200	97	50-200	99	50-200	76	50-200
Perylene-D12	%		64	50-200	85	50-200	89	50-200	74	50-200
Nitrobenzene-D5	%		43	24-125	93	24-125	28	24-125	68	24-125
p-Fluorobiphenyl	%		61	25-125	86	25-125	39	25-125	87	25-125
p-Terphenyl-d14	%		76	19-152	90	19-152	38	19-152	84	19-152
Phenol-D5	%		17	10-110	33	10-110	11	10-110	29	10-110
2-Fluorophenol	%		20	20-120	47	20-120	15 *	20-120	43	20-120
2,4,6-Tribromophenol	%		58	28-152	87	28-152	24 *	28-152	60	28-152

NA = Not Applicable ND = Not Detected

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NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-4 A02-9860 10/03/2002	A2986002	MW-5 A02-9860 10/03/2002	A2986003	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Anenaphthene		UG/L	51	10	12 J	95	NA		NA	
Acenaphthylene		UG/L	4 J	10	ND	95	NA		NA	
Anthracene		UG/L	2 J	10	ND	95	NA		NA	
Benzo(a)anthracene		UG/L	ND	10	ND	95	NA		NA	
Benzo(b)fluoranthene		UG/L	ND	10	ND	95	NA		NA	
Benzo(k)fluoranthene		UG/L	ND	10	ND	95	NA		NA	
Benzo(ghi)perylene		UG/L	ND	10	ND	95	NA		NA	
Benzo(a)pyrene		UG/L	ND	10	ND	95	NA		NA	
Benzoic acid		UG/L	ND	48	ND	480	NA		NA	
Benzyl alcohol		UG/L	ND	19	ND	190	NA		NA	
Bis(2-chloroethoxy) methane		UG/L	ND	10	ND	95	NA		NA	
Bis(2-chloroethyl) ether		UG/L	ND	10	ND	95	NA		NA	
2,2'-Oxybis(1-Chloropropane)		UG/L	ND	10	ND	95	NA		NA	
Bis(2-ethylhexyl) phthalate		UG/L	ND	10	ND	95	NA		NA	
4-Bromophenyl phenyl ether		UG/L	ND	10	ND	95	NA		NA	
Butyl benzyl phthalate		UG/L	ND	10	ND	95	NA		NA	
4-Chloroaniline		UG/L	ND	10	ND	95	NA		NA	
4-Chloro-3-methylphenol		UG/L	ND	10	ND	95	NA		NA	
2-Chloronaphthalene		UG/L	ND	10	ND	95	NA		NA	
2-Chlorophenol		UG/L	ND	10	ND	95	NA		NA	
4-Chlorophenyl phenyl ether		UG/L	ND	10	ND	95	NA		NA	
Chrysene		UG/L	ND	10	ND	95	NA		NA	
Dibenz(a,h)anthracene		UG/L	ND	10	ND	95	NA		NA	
Dibenzofuran		UG/L	6 J	10	7 J	95	NA		NA	
Di-n-butyl phthalate		UG/L	ND	10	ND	95	NA		NA	
1,2-Dichlorobenzene		UG/L	ND	10	ND	95	NA		NA	
1,3-Dichlorobenzene		UG/L	ND	10	ND	95	NA		NA	
1,4-Dichlorobenzene		UG/L	ND	10	ND	95	NA		NA	
3,3'-Dichlorobenzidine		UG/L	ND	19	ND	190	NA		NA	
2,4-Dichlorophenol		UG/L	ND	10	ND	95	NA		NA	
Diethyl phthalate		UG/L	ND	10	ND	95	NA		NA	
2,4-Dimethylphenol		UG/L	ND	10	ND	95	NA		NA	
Dimethyl phthalate		UG/L	ND	48	ND	480	NA		NA	
4,6-Dinitro-2-methylphenol		UG/L	ND	48	ND	480	NA		NA	
2,4-Dinitrophenol		UG/L	ND	10	ND	95	NA		NA	
2,6-Dinitrotoluene		UG/L	ND	10	ND	95	NA		NA	
2,6-Dinitrophenol		UG/L	4 J	10	ND	95	NA		NA	
Di-n-octyl phthalate		UG/L	ND	10	ND	95	NA		NA	
Fluoranthene		UG/L	6 J	10	6 J	95	NA		NA	
Fluorene		UG/L	26	10	ND	95	NA		NA	
Hexachlorobenzene		UG/L	ND	10	ND	95	NA		NA	
Hexachlorobutadiene		UG/L	ND	10	ND	95	NA		NA	
Hexachlorocyclopentadiene		UG/L	ND	10	ND	95	NA		NA	

NA = Not Applicable ND = Not Detected

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Date: 10/17/2002
Time: 10:06:36

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	MW-4 A02-9860 10/03/2002	A2986002	MW-5 A02-9860 10/03/2002	A2986003	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane		UG/L	ND	10	ND	95	NA	95	NA		NA	
Indeno(1,2,3-cd)pyrene		UG/L	ND	10	ND	95	NA	95	NA		NA	
Isophorone		UG/L	ND	10	ND	95	NA	95	NA		NA	
2-Methylnaphthalene		UG/L	5 J	10	110	95	NA	95	NA		NA	
2-Methylphenol		UG/L	ND	10	ND	95	NA	95	NA		NA	
4-Methylphenol		UG/L	ND	10	ND	95	NA	95	NA		NA	
Naphthalene		UG/L	3 J	10	370	95	NA	95	NA		NA	
2-Nitroaniline		UG/L	ND	48	ND	480	NA	480	NA		NA	
3-Nitroaniline		UG/L	ND	48	ND	480	NA	480	NA		NA	
4-Nitroaniline		UG/L	ND	48	ND	480	NA	480	NA		NA	
Nitrobenzene		UG/L	ND	10	ND	95	NA	95	NA		NA	
2-Nitrophenol		UG/L	ND	10	ND	95	NA	95	NA		NA	
4-Nitrophenol		UG/L	ND	48	ND	480	NA	480	NA		NA	
N-nitrosodiphenylamine		UG/L	ND	10	ND	95	NA	95	NA		NA	
N-Nitroso-Di-n-propylamine		UG/L	ND	10	ND	95	NA	95	NA		NA	
Pentachlorophenol		UG/L	ND	48	ND	480	NA	480	NA		NA	
Phenanthrene		UG/L	ND	10	15 J	95	NA	95	NA		NA	
Phenol		UG/L	1 J	10	ND	95	NA	95	NA		NA	
Pyrene		UG/L	5 J	10	6 J	95	NA	95	NA		NA	
1,2,4-Trichlorobenzene		UG/L	ND	10	ND	95	NA	95	NA		NA	
2,4,5-Trichlorophenol		UG/L	ND	10	ND	95	NA	95	NA		NA	
2,4,6-Trichlorophenol		UG/L	ND	10	ND	95	NA	95	NA		NA	
1,4-Dichlorobenzene-D4		%	96	50-200	79	50-200	NA	50-200	NA		NA	
Naphthalene-D8		%	94	50-200	77	50-200	NA	50-200	NA		NA	
Acenaphthene-D10		%	92	50-200	74	50-200	NA	50-200	NA		NA	
Phenanthrene-D10		%	96	50-200	78	50-200	NA	50-200	NA		NA	
Chrysene-D12		%	90	50-200	69	50-200	NA	50-200	NA		NA	
Perylene-D12		%	90	50-200	66	50-200	NA	50-200	NA		NA	
Nitrobenzene-D5		%	78	24-125	56	24-125	NA	24-125	NA		NA	
2-Fluorobiphenyl		%	86	25-125	77	25-125	NA	25-125	NA		NA	
p-Terphenyl-d14		%	92	19-152	75	19-152	NA	19-152	NA		NA	
Phenol-D5		%	29	10-110	23	10-110	NA	10-110	NA		NA	
2-Fluorophenol		%	42	20-120	32	20-120	NA	20-120	NA		NA	
2,4,6-Trifluorophenol		%	98	28-152	54	28-152	NA	28-152	NA		NA	

NA = Not Applicable ND = Not Detected

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Date: 10/17/2002
Time: 10:07:15

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
TOTAL RCRA METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	BDR-1 A02-9860 10/03/2002	A2986012	BDR-2 A02-9860 10/03/2002	A2986013	BDR-3 A02-9860 10/03/2002	A2986011	DUP 3 A02-9860 10/03/2002	A2986018
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.0070	ND	0.0070	ND	0.0070	0.018	0.0070
Barium - Total	MG/L	0.024	0.0010	0.068	0.0010	0.40	0.0010	0.12	0.0010
Cadmium - Total	MG/L	ND	0.0010	ND	0.0010	ND	0.0010	0.0018	0.0010
Chromium - Total	MG/L	ND	0.0020	ND	0.0020	ND	0.0020	0.0087	0.0020
Lead - Total	MG/L	ND	0.010	ND	0.010	ND	0.010	0.072	0.010
Mercury - Total	MG/L	ND	0.00020	ND	0.00020	ND	0.00020	ND	0.00020
Selenium - Total	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Silver - Total	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030

Client ID Job No Sample Date	Lab ID	MW-00-14 A02-9860 10/03/2002	A2986006	MW-00-15 A02-9860 10/03/2002	A2986014	MW-00-16 A02-9860 10/03/2002	A2986008	MW-00-17 A02-9860 10/03/2002	A2986009
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.0070	ND	0.0070	0.015	0.0070	0.019	0.0070
Barium - Total	MG/L	0.060	0.0010	0.064	0.0010	0.094	0.0010	0.84	0.0010
Cadmium - Total	MG/L	0.0024	0.0010	ND	0.0010	ND	0.0010	0.0015	0.0010
Chromium - Total	MG/L	0.0044	0.0020	0.0028	0.0020	0.0062	0.0020	0.036	0.0020
Lead - Total	MG/L	0.011	0.010	ND	0.010	0.012	0.010	0.078	0.010
Mercury - Total	MG/L	ND	0.00020	ND	0.00020	0.00072	0.00020	ND	0.00020
Selenium - Total	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Silver - Total	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:07:15

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
TOTAL RCRA METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MW-00-22 A02-9860 10/03/2002	A2986007	MW-00-23 A02-9860 10/03/2002	A2986015	MW-00-24 A02-9860 10/03/2002	A2986016	MW-00-27 A02-9860 10/03/2002	A2986017
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	0.043	0.0070	0.014	0.0070	ND	0.0070	ND	0.0070
Barium - Total	MG/L	0.083	0.0010	0.18	0.0010	0.17	0.0010	0.024	0.0010
Cadmium - Total	MG/L	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010
Chromium - Total	MG/L	0.012	0.0020	0.0048	0.0020	0.0085	0.0020	ND	0.0020
Lead - Total	MG/L	0.018	0.010	0.084	0.010	0.026	0.010	ND	0.010
Mercury - Total	MG/L	ND	0.00020	0.00022	0.00020	ND	0.00020	0.0013	0.00020
Selenium - Total	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Silver - Total	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030

Client ID Job No Sample Date	Lab ID	MW-01-1 A02-9860 10/03/2002	A2986010	MW-01-25 A02-9860 10/03/2002	A2986005	MW-2 A02-9860 10/03/2002	A2986004	MW-3 A02-9860 10/03/2002	A2986001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	0.070	0.0070	0.0078	0.0070	0.049	0.0070	0.025	0.0070
Barium - Total	MG/L	0.56	0.0010	0.18	0.0010	0.085	0.0010	0.085	0.0010
Cadmium - Total	MG/L	0.0017	0.0010	ND	0.0010	ND	0.0010	ND	0.0010
Chromium - Total	MG/L	0.036	0.0020	0.026	0.0020	0.016	0.0020	0.0091	0.0020
Lead - Total	MG/L	0.63	0.010	0.079	0.010	0.38	0.010	0.070	0.010
Mercury - Total	MG/L	0.00043	0.00020	ND	0.00020	ND	0.00020	ND	0.00020
Selenium - Total	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Silver - Total	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:07:15

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
TOTAL RCRA METALS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	MW-4 A02-9860 10/03/2002	A2986002	MW-5 A02-9860 10/03/2002	A2986003	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	0.018	0.0070	0.027	0.0070	NA	0.0070	NA	
Barium - Total	MG/L	0.096	0.0010	0.26	0.0010	NA	0.0010	NA	
Cadmium - Total	MG/L	ND	0.0010	ND	0.0010	NA	0.0010	NA	
Chromium - Total	MG/L	0.0095	0.0020	0.0082	0.0020	NA	0.0020	NA	
Lead - Total	MG/L	0.086	0.010	0.21	0.010	NA	0.010	NA	
Mercury - Total	MG/L	0.00042	0.00020	0.0023	0.00020	NA	0.00020	NA	
Selenium - Total	MG/L	ND	0.010	ND	0.010	NA	0.010	NA	
Silver - Total	MG/L	ND	0.0030	ND	0.0030	NA	0.0030	NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 10/17/2002
Time: 10:07:15

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA
NET CHEMISTRY ANALYSIS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	BDR-1 A02-9860 10/03/2002	A2986012	BDR-2 A02-9860 10/03/2002	A2986013	BDR-3 A02-9860 10/03/2002	A2986011	DUP 3 A02-9860 10/03/2002	A2986018
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Amenable Cyanide Cyanide - Total	MG/L MG/L	0.032 0.48	0.010 0.010	0.069 0.072	0.010 0.010	ND 0.20	0.010 0.010	ND 0.92	0.010 0.020

Client ID Job No Sample Date	Lab ID	MW-00-14 A02-9860 10/03/2002	A2986006	MW-00-15 A02-9860 10/03/2002	A2986014	MW-00-16 A02-9860 10/03/2002	A2986008	MW-00-17 A02-9860 10/03/2002	A2986009
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Amenable Cyanide Cyanide - Total	MG/L MG/L	ND 0.011	0.010 0.010	1.7 10	0.010 0.50	ND ND	0.010 0.010	ND 0.021	0.010 0.010

Client ID Job No Sample Date	Lab ID	MW-00-22 A02-9860 10/03/2002	A2986007	MW-00-23 A02-9860 10/03/2002	A2986015	MW-00-24 A02-9860 10/03/2002	A2986016	MW-00-27 A02-9860 10/03/2002	A2986017
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Amenable Cyanide Cyanide - Total	MG/L MG/L	ND ND	0.010 0.010	ND 0.014	0.010 0.010	ND ND	0.010 0.010	1.2 1.4	0.010 0.10

Client ID Job No Sample Date	Lab ID	MW-01-1 A02-9860 10/03/2002	A2986010	MW-01-25 A02-9860 10/03/2002	A2986005	MW-2 A02-9860 10/03/2002	A2986004	MW-3 A02-9860 10/03/2002	A2986001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Amenable Cyanide Cyanide - Total	MG/L MG/L	0.81 0.88	0.010 0.050	ND ND	0.010 0.010	1.2 2.6	0.010 0.10	11.8 11.8	0.010 0.50

NA = Not Applicable ND = Not Detected

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Date: 10/17/2002 Time: 10:07:15		NATIONAL FUEL GAS NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA WET CHEMISTRY ANALYSIS				Rept: AH0326	
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Client ID Job No Sample Date	Lab ID	MW-4 A02-9860 10/03/2002	A2986002	MW-5 A02-9860 10/03/2002	A2986003	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Amenable Cyanide Cyanide - Total	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	NA	NA	NA	NA
	MG/L MG/L	ND 0.16	0.010 0.010	ND 0.36	0.010 0.010	NA NA		NA NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Geoprobe Installation Analytical Test Results

Sample Date 8/13/02

Only detected parameters are listed

These tables are derived by RETEC from electronic data provided by NFG.

PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
2-Butanone	GP-28 (12-16)	67.0	UG/KG	FS	
2-Methylnaphthalene	GP-28 (12-16)	2,100.0	UG/KG	FS	B
2-Methylnaphthalene	GP-28 (12-16)	15,000.0	UG/KG	RE	
2-Methylnaphthalene	GP-28 (12-16) REDL	14,000.0	UG/KG	DLRE	D
Acenaphthene	GP-28 (12-16)	7,500.0	UG/KG	FS	B
Acenaphthene	GP-28 (12-16)	15,000.0	UG/KG	RE	
Acenaphthene	GP-28 (12-16) REDL	15,000.0	UG/KG	DLRE	D
Acenaphthylene	GP-28 (12-16)	1,800.0	UG/KG	RE	
Acenaphthylene	GP-28 (12-16) REDL	1,300.0	UG/KG	DLRE	DJ
Acetone	GP-28 (12-16)	190.0	UG/KG	FS	
Amenable Cyanide	GP-28 (12-16)	18.9	MG/KG	FS	
Anthracene	GP-28 (12-16)	32,000.0	UG/KG	RE	
Anthracene	GP-28 (12-16)	16,000.0	UG/KG	FS	
Anthracene	GP-28 (12-16) REDL	32,000.0	UG/KG	DLRE	D
Arsenic - Total	GP-28 (12-16)	11.8	MG/KG	FS	
Barium - Total	GP-28 (12-16)	44.0	MG/KG	FS	
Benzene	GP-28 (12-16)	4,700.0	UG/KG	FS	E
Benzene	GP-28 (12-16)DL	19,000.0	UG/KG	DL	D
Benzo(a)anthracene	GP-28 (12-16)	49,000.0	UG/KG	RE	
Benzo(a)anthracene	GP-28 (12-16)	21,000.0	UG/KG	FS	
Benzo(a)anthracene	GP-28 (12-16) REDL	50,000.0	UG/KG	DLRE	D
Benzo(a)pyrene	GP-28 (12-16)	39,000.0	UG/KG	RE	
Benzo(a)pyrene	GP-28 (12-16)	18,000.0	UG/KG	FS	
Benzo(a)pyrene	GP-28 (12-16) REDL	41,000.0	UG/KG	DLRE	D
Benzo(b)fluoranthene	GP-28 (12-16)	36,000.0	UG/KG	RE	
Benzo(b)fluoranthene	GP-28 (12-16)	17,000.0	UG/KG	FS	
Benzo(b)fluoranthene	GP-28 (12-16) REDL	59,000.0	UG/KG	DLRE	D
Benzo(ghi)perylene	GP-28 (12-16)	13,000.0	UG/KG	RE	
Benzo(ghi)perylene	GP-28 (12-16)	11,000.0	UG/KG	FS	
Benzo(ghi)perylene	GP-28 (12-16) REDL	22,000.0	UG/KG	DLRE	D
Benzo(k)fluoranthene	GP-28 (12-16)	22,000.0	UG/KG	RE	
Benzo(k)fluoranthene	GP-28 (12-16)	9,900.0	UG/KG	FS	
Cadmium - Total	GP-28 (12-16)	3.0	MG/KG	FS	
Carbon Disulfide	GP-28 (12-16)	9.0	UG/KG	FS	
Chromium - Total	GP-28 (12-16)	6.5	MG/KG	FS	
Chrysene	GP-28 (12-16)	36,000.0	UG/KG	RE	
Chrysene	GP-28 (12-16)	18,000.0	UG/KG	FS	
Chrysene	GP-28 (12-16) REDL	40,000.0	UG/KG	DLRE	D
Cyanide - Total	GP-28 (12-16)	4.4	MG/KG	FS	
Dibenzo(a,h)anthracene	GP-28 (12-16)	7,800.0	UG/KG	RE	
Dibenzo(a,h)anthracene	GP-28 (12-16)	4,500.0	UG/KG	FS	
Dibenzo(a,h)anthracene	GP-28 (12-16) REDL	10,000.0	UG/KG	DLRE	D
Dibenzofuran	GP-28 (12-16)	9,900.0	UG/KG	RE	
Dibenzofuran	GP-28 (12-16)	5,200.0	UG/KG	FS	
Dibenzofuran	GP-28 (12-16) REDL	9,800.0	UG/KG	DLRE	D
Ethylbenzene	GP-28 (12-16)	2,800.0	UG/KG	FS	E

Sample Date 8/13/02

Only detected parameters are listed

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PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
Ethylbenzene	GP-28 (12-16)DL	49,000.0	UG/KG	DL	D
Fluoranthene	GP-28 (12-16)	96,000.0	UG/KG	RE	
Fluoranthene	GP-28 (12-16)	56,000.0	UG/KG	FS	
Fluoranthene	GP-28 (12-16) REDL	100,000.0	UG/KG	DLRE	D
Fluorene	GP-28 (12-16)	16,000.0	UG/KG	RE	
Fluorene	GP-28 (12-16)	8,100.0	UG/KG	FS	
Fluorene	GP-28 (12-16) REDL	16,000.0	UG/KG	DLRE	D
Indeno(1,2,3-cd)pyrene	GP-28 (12-16)	15,000.0	UG/KG	RE	
Indeno(1,2,3-cd)pyrene	GP-28 (12-16)	10,000.0	UG/KG	FS	
Indeno(1,2,3-cd)pyrene	GP-28 (12-16) REDL	22,000.0	UG/KG	DLRE	D
Lead - Total	GP-28 (12-16)	54.8	MG/KG	FS	
Mercury - Total	GP-28 (12-16)	0.1	MG/KG	FS	
Methylene chloride	GP-28 (12-16)	13.0	UG/KG	FS	B
Naphthalene	GP-28 (12-16)	35,000.0	UG/KG	FS	B
Naphthalene	GP-28 (12-16)	150,000.0	UG/KG	RE	E
Naphthalene	GP-28 (12-16) REDL	150,000.0	UG/KG	DLRE	D
Phenanthrene	GP-28 (12-16)	90,000.0	UG/KG	RE	
Phenanthrene	GP-28 (12-16)	58,000.0	UG/KG	FS	
Phenanthrene	GP-28 (12-16) REDL	93,000.0	UG/KG	DLRE	D
Pyrene	GP-28 (12-16)	68,000.0	UG/KG	RE	
Pyrene	GP-28 (12-16)	43,000.0	UG/KG	FS	
Pyrene	GP-28 (12-16) REDL	81,000.0	UG/KG	DLRE	D
Selenium - Total	GP-28 (12-16)	10.1	MG/KG	FS	
Toluene	GP-28 (12-16)	440.0	UG/KG	FS	E
Toluene	GP-28 (12-16)DL	3,200.0	UG/KG	DL	D
Total Xylenes	GP-28 (12-16)	4,900.0	UG/KG	FS	E
Total Xylenes	GP-28 (12-16)DL	82,000.0	UG/KG	DL	D

Sample Date 8/13/02

Only detected parameters are listed

These tables are derived by RETEC from electronic data provided by NFG.

PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
2-Butanone	GP-29 (8-12)	17.0	UG/KG	FS	J
Acenaphthene	GP-29 (8-12)	480.0	UG/KG	FS	B
Acenaphthene	GP-29 (8-12)	1,000.0	UG/KG	RE	
Acetone	GP-29 (8-12)	71.0	UG/KG	FS	
Anthracene	GP-29 (8-12)	1,400.0	UG/KG	RE	
Anthracene	GP-29 (8-12)	540.0	UG/KG	FS	
Arsenic - Total	GP-29 (8-12)	2.4	MG/KG	FS	
Barium - Total	GP-29 (8-12)	80.2	MG/KG	FS	
Benzene	GP-29 (8-12)	1.0	UG/KG	FS	J
Benzo(a)anthracene	GP-29 (8-12)	1,500.0	UG/KG	RE	
Benzo(a)anthracene	GP-29 (8-12)	810.0	UG/KG	FS	
Benzo(a)pyrene	GP-29 (8-12)	1,900.0	UG/KG	RE	
Benzo(a)pyrene	GP-29 (8-12)	1,000.0	UG/KG	FS	
Benzo(b)fluoranthene	GP-29 (8-12)	1,400.0	UG/KG	RE	
Benzo(b)fluoranthene	GP-29 (8-12)	720.0	UG/KG	FS	
Benzo(ghi)perylene	GP-29 (8-12)	740.0	UG/KG	RE	
Benzo(ghi)perylene	GP-29 (8-12)	590.0	UG/KG	FS	
Benzo(k)fluoranthene	GP-29 (8-12)	1,200.0	UG/KG	RE	
Benzo(k)fluoranthene	GP-29 (8-12)	670.0	UG/KG	FS	
Chromium - Total	GP-29 (8-12)	9.7	MG/KG	FS	
Chrysene	GP-29 (8-12)	1,300.0	UG/KG	RE	
Chrysene	GP-29 (8-12)	780.0	UG/KG	FS	
Dibenzo(a,h)anthracene	GP-29 (8-12)	390.0	UG/KG	RE	
Dibenzofuran	GP-29 (8-12)	1,000.0	UG/KG	RE	
Dibenzofuran	GP-29 (8-12)	440.0	UG/KG	FS	
Ethylbenzene	GP-29 (8-12)	2.0	UG/KG	FS	J
Fluoranthene	GP-29 (8-12)	2,500.0	UG/KG	RE	
Fluoranthene	GP-29 (8-12)	1,200.0	UG/KG	FS	
Fluorene	GP-29 (8-12)	1,800.0	UG/KG	RE	
Fluorene	GP-29 (8-12)	790.0	UG/KG	FS	
Indeno(1,2,3-cd)pyrene	GP-29 (8-12)	790.0	UG/KG	RE	
Indeno(1,2,3-cd)pyrene	GP-29 (8-12)	560.0	UG/KG	FS	
Lead - Total	GP-29 (8-12)	129.0	MG/KG	FS	
Mercury - Total	GP-29 (8-12)	0.1	MG/KG	FS	
Methylene chloride	GP-29 (8-12)	9.0	UG/KG	FS	B
Naphthalene	GP-29 (8-12)	420.0	UG/KG	FS	B
Naphthalene	GP-29 (8-12)	310.0	UG/KG	RE	J
Phenanthrene	GP-29 (8-12)	1,100.0	UG/KG	RE	
Phenanthrene	GP-29 (8-12)	950.0	UG/KG	FS	
Pyrene	GP-29 (8-12)	1,900.0	UG/KG	RE	
Pyrene	GP-29 (8-12)	1,400.0	UG/KG	FS	
Total Xylenes	GP-29 (8-12)	4.0	UG/KG	FS	J

Sample Date 8/13/02

Only detected parameters are listed

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PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
2-Butanone	GP-30 (8-12)	9.0	UG/KG	FS	J
Acetone	GP-30 (8-12)	51.0	UG/KG	FS	B
Arsenic - Total	GP-30 (8-12)	2.7	MG/KG	FS	
Barium - Total	GP-30 (8-12)	40.0	MG/KG	FS	
Benzene	GP-30 (8-12)	1.0	UG/KG	FS	J
Benzo(a)anthracene	GP-30 (8-12)	24.0	UG/KG	RE	J
Benzo(b)fluoranthene	GP-30 (8-12)	26.0	UG/KG	RE	J
Chromium - Total	GP-30 (8-12)	8.5	MG/KG	FS	
Chrysene	GP-30 (8-12)	23.0	UG/KG	RE	J
Fluoranthene	GP-30 (8-12)	54.0	UG/KG	RE	J
Lead - Total	GP-30 (8-12)	9.1	MG/KG	FS	
Methylene chloride	GP-30 (8-12)	31.0	UG/KG	FS	B
Naphthalene	GP-30 (8-12)	440.0	UG/KG	FS	B
Naphthalene	GP-30 (8-12)	21.0	UG/KG	RE	J
Phenanthrene	GP-30 (8-12)	35.0	UG/KG	RE	J
Pyrene	GP-30 (8-12)	38.0	UG/KG	RE	J

Sample Date 8/13/02

Only detected parameters are listed

These tables are derived by RETEC from electronic data provided by NFG.

PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
2-Butanone	GP-31 (12-16)	48.0	UG/KG	FS	
2-Methylnaphthalene	GP-31 (12-16)	37,000.0	UG/KG	FS	B
2-Methylnaphthalene	GP-31 (12-16)	39,000.0	UG/KG	RE	
Acenaphthene	GP-31 (12-16)	56,000.0	UG/KG	FS	B
Acenaphthene	GP-31 (12-16)	65,000.0	UG/KG	RE	
Acetone	GP-31 (12-16)	210.0	UG/KG	FS	
Anthracene	GP-31 (12-16)	35,000.0	UG/KG	RE	
Anthracene	GP-31 (12-16)	32,000.0	UG/KG	FS	
Arsenic - Total	GP-31 (12-16)	5.8	MG/KG	FS	
Barium - Total	GP-31 (12-16)	102.0	MG/KG	FS	
Benzene	GP-31 (12-16)	1,400.0	UG/KG	FS	E
Benzene	GP-31 (12-16)DL	3,400.0	UG/KG	DL	D
Benzo(a)anthracene	GP-31 (12-16)	28,000.0	UG/KG	RE	
Benzo(a)anthracene	GP-31 (12-16)	35,000.0	UG/KG	FS	
Benzo(a)pyrene	GP-31 (12-16)	23,000.0	UG/KG	RE	
Benzo(a)pyrene	GP-31 (12-16)	29,000.0	UG/KG	FS	
Benzo(b)fluoranthene	GP-31 (12-16)	19,000.0	UG/KG	RE	
Benzo(b)fluoranthene	GP-31 (12-16)	40,000.0	UG/KG	FS	
Benzo(ghi)perylene	GP-31 (12-16)	14,000.0	UG/KG	FS	
Benzo(k)fluoranthene	GP-31 (12-16)	13,000.0	UG/KG	RE	
Carbon Disulfide	GP-31 (12-16)	10.0	UG/KG	FS	
Chromium - Total	GP-31 (12-16)	9.8	MG/KG	FS	
Chrysene	GP-31 (12-16)	25,000.0	UG/KG	RE	
Chrysene	GP-31 (12-16)	30,000.0	UG/KG	FS	
Cyanide - Total	GP-31 (12-16)	31.2	MG/KG	FS	
Dibenzofuran	GP-31 (12-16)	33,000.0	UG/KG	RE	
Dibenzofuran	GP-31 (12-16)	32,000.0	UG/KG	FS	
Ethylbenzene	GP-31 (12-16)	7,000.0	UG/KG	FS	E
Ethylbenzene	GP-31 (12-16)DL	140,000.0	UG/KG	DL	D
Fluoranthene	GP-31 (12-16)	76,000.0	UG/KG	RE	
Fluoranthene	GP-31 (12-16)	82,000.0	UG/KG	FS	
Fluorene	GP-31 (12-16)	35,000.0	UG/KG	RE	
Fluorene	GP-31 (12-16)	34,000.0	UG/KG	FS	
Indeno(1,2,3-cd)pyrene	GP-31 (12-16)	8,600.0	UG/KG	RE	J
Indeno(1,2,3-cd)pyrene	GP-31 (12-16)	14,000.0	UG/KG	FS	
Lead - Total	GP-31 (12-16)	182.0	MG/KG	FS	
Mercury - Total	GP-31 (12-16)	1.9	MG/KG	FS	
Methylene chloride	GP-31 (12-16)	20.0	UG/KG	FS	B
Naphthalene	GP-31 (12-16)	700,000.0	UG/KG	FS	B
Naphthalene	GP-31 (12-16)	700,000.0	UG/KG	RE	
Phenanthrene	GP-31 (12-16)	140,000.0	UG/KG	RE	
Phenanthrene	GP-31 (12-16)	150,000.0	UG/KG	FS	
Pyrene	GP-31 (12-16)	59,000.0	UG/KG	RE	
Pyrene	GP-31 (12-16)	70,000.0	UG/KG	FS	
Toluene	GP-31 (12-16)	860.0	UG/KG	FS	E
Toluene	GP-31 (12-16)DL	5,500.0	UG/KG	DL	D

Sample Date 8/13/02

Only detected parameters are listed

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PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
Total Xylenes	GP-31 (12-16)	18,000.0	UG/KG	FS	E
Total Xylenes	GP-31 (12-16)DL	260,000.0	UG/KG	DL	D
Trichloroethene	GP-31 (12-16)	3.0	UG/KG	FS	J
Vinyl chloride	GP-31 (12-16)	2.0	UG/KG	FS	J

Sample Date 8/13/02

Only detected parameters are listed

These tables are derived by RETEC from electronic data provided by NFG.

PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
2-Butanone	GP-32 (16-18)	19.0	UG/KG	FS	J
2-Methylnaphthalene	GP-32 (16-18)	2,800.0	UG/KG	FS	B
2-Methylnaphthalene	GP-32 (16-18)	14,000.0	UG/KG	RE	
2-Methylnaphthalene	GP-32 (16-18) REDL	12,000.0	UG/KG	DLRE	D
Acenaphthene	GP-32 (16-18)	12,000.0	UG/KG	FS	B
Acenaphthene	GP-32 (16-18)	47,000.0	UG/KG	RE	
Acenaphthene	GP-32 (16-18) REDL	46,000.0	UG/KG	DLRE	D
Acenaphthylene	GP-32 (16-18)	3,500.0	UG/KG	RE	
Acenaphthylene	GP-32 (16-18) REDL	2,300.0	UG/KG	DLRE	DJ
Acetone	GP-32 (16-18)	120.0	UG/KG	FS	
Amenable Cyanide	GP-32 (16-18)	9.7	MG/KG	FS	
Anthracene	GP-32 (16-18)	58,000.0	UG/KG	RE	
Anthracene	GP-32 (16-18)	16,000.0	UG/KG	FS	
Anthracene	GP-32 (16-18) REDL	58,000.0	UG/KG	DLRE	D
Arsenic - Total	GP-32 (16-18)	4.2	MG/KG	FS	
Barium - Total	GP-32 (16-18)	79.5	MG/KG	FS	
Benzene	GP-32 (16-18)	540.0	UG/KG	FS	E
Benzene	GP-32 (16-18)DL	550.0	UG/KG	DL	DJ
Benzo(a)anthracene	GP-32 (16-18)	76,000.0	UG/KG	RE	
Benzo(a)anthracene	GP-32 (16-18)	22,000.0	UG/KG	FS	
Benzo(a)anthracene	GP-32 (16-18) REDL	81,000.0	UG/KG	DLRE	D
Benzo(a)pyrene	GP-32 (16-18)	63,000.0	UG/KG	RE	
Benzo(a)pyrene	GP-32 (16-18)	18,000.0	UG/KG	FS	
Benzo(a)pyrene	GP-32 (16-18) REDL	62,000.0	UG/KG	DLRE	D
Benzo(b)fluoranthene	GP-32 (16-18)	49,000.0	UG/KG	RE	
Benzo(b)fluoranthene	GP-32 (16-18)	16,000.0	UG/KG	FS	
Benzo(b)fluoranthene	GP-32 (16-18) REDL	91,000.0	UG/KG	DLRE	D
Benzo(ghi)perylene	GP-32 (16-18)	20,000.0	UG/KG	RE	
Benzo(ghi)perylene	GP-32 (16-18)	9,900.0	UG/KG	FS	
Benzo(ghi)perylene	GP-32 (16-18) REDL	34,000.0	UG/KG	DLRE	D
Benzo(k)fluoranthene	GP-32 (16-18)	51,000.0	UG/KG	RE	
Benzo(k)fluoranthene	GP-32 (16-18)	11,000.0	UG/KG	FS	
Carbon Disulfide	GP-32 (16-18)	4.0	UG/KG	FS	J
Chromium - Total	GP-32 (16-18)	9.4	MG/KG	FS	
Chrysene	GP-32 (16-18)	63,000.0	UG/KG	RE	
Chrysene	GP-32 (16-18)	17,000.0	UG/KG	FS	
Chrysene	GP-32 (16-18) REDL	62,000.0	UG/KG	DLRE	D
Cyanide - Total	GP-32 (16-18)	10.7	MG/KG	FS	
Dibenzo(a,h)anthracene	GP-32 (16-18)	11,000.0	UG/KG	RE	
Dibenzo(a,h)anthracene	GP-32 (16-18)	4,300.0	UG/KG	FS	
Dibenzo(a,h)anthracene	GP-32 (16-18) REDL	16,000.0	UG/KG	DLRE	D
Dibenzofuran	GP-32 (16-18)	32,000.0	UG/KG	RE	
Dibenzofuran	GP-32 (16-18)	8,100.0	UG/KG	FS	
Dibenzofuran	GP-32 (16-18) REDL	30,000.0	UG/KG	DLRE	D
Ethylbenzene	GP-32 (16-18)	3,200.0	UG/KG	FS	E

Sample Date 8/13/02

Only detected parameters are listed

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PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
Ethylbenzene	GP-32 (16-18)DL	6,900.0	UG/KG	DL	D
Fluoranthene	GP-32 (16-18)	170,000.0	UG/KG	RE	
Fluoranthene	GP-32 (16-18)	55,000.0	UG/KG	FS	
Fluoranthene	GP-32 (16-18) REDL	170,000.0	UG/KG	DLRE	D
Fluorene	GP-32 (16-18)	48,000.0	UG/KG	RE	
Fluorene	GP-32 (16-18)	12,000.0	UG/KG	FS	
Fluorene	GP-32 (16-18) REDL	44,000.0	UG/KG	DLRE	D
Indeno(1,2,3-cd)pyrene	GP-32 (16-18)	24,000.0	UG/KG	RE	
Indeno(1,2,3-cd)pyrene	GP-32 (16-18)	10,000.0	UG/KG	FS	
Indeno(1,2,3-cd)pyrene	GP-32 (16-18) REDL	34,000.0	UG/KG	DLRE	D
Lead - Total	GP-32 (16-18)	49.2	MG/KG	FS	
Methylene chloride	GP-32 (16-18)	18.0	UG/KG	FS	B
Naphthalene	GP-32 (16-18)	92,000.0	UG/KG	FS	B
Naphthalene	GP-32 (16-18)	350,000.0	UG/KG	RE	E
Naphthalene	GP-32 (16-18) REDL	350,000.0	UG/KG	DLRE	D
Phenanthrene	GP-32 (16-18)	180,000.0	UG/KG	RE	
Phenanthrene	GP-32 (16-18)	61,000.0	UG/KG	FS	
Phenanthrene	GP-32 (16-18) REDL	190,000.0	UG/KG	DLRE	D
Pyrene	GP-32 (16-18)	120,000.0	UG/KG	RE	
Pyrene	GP-32 (16-18)	37,000.0	UG/KG	FS	
Pyrene	GP-32 (16-18) REDL	130,000.0	UG/KG	DLRE	D
Toluene	GP-32 (16-18)	52.0	UG/KG	FS	
Total Xylenes	GP-32 (16-18)	2,800.0	UG/KG	FS	E
Total Xylenes	GP-32 (16-18)DL	5,600.0	UG/KG	DL	D

Sample Date 8/13/02

Only detected parameters are listed

These tables are derived by RETEC from electronic data provided by NFG.

PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
2-Butanone	GP-33 (4-8)	19.0	UG/KG	FS	J
Acenaphthene	GP-33 (4-8)	110.0	UG/KG	RE	J
Acetone	GP-33 (4-8)	110.0	UG/KG	FS	
Amenable Cyanide	GP-33 (4-8)	5.2	MG/KG	FS	
Anthracene	GP-33 (4-8)	180.0	UG/KG	FS	J
Anthracene	GP-33 (4-8)	540.0	UG/KG	RE	
Arsenic - Total	GP-33 (4-8)	9.8	MG/KG	FS	
Barium - Total	GP-33 (4-8)	189.0	MG/KG	FS	
Benzo(a)anthracene	GP-33 (4-8)	2,300.0	UG/KG	RE	
Benzo(a)anthracene	GP-33 (4-8)	1,100.0	UG/KG	FS	
Benzo(a)pyrene	GP-33 (4-8)	1,900.0	UG/KG	RE	
Benzo(a)pyrene	GP-33 (4-8)	1,300.0	UG/KG	FS	
Benzo(b)fluoranthene	GP-33 (4-8)	1,500.0	UG/KG	RE	
Benzo(b)fluoranthene	GP-33 (4-8)	1,000.0	UG/KG	FS	
Benzo(ghi)perylene	GP-33 (4-8)	540.0	UG/KG	RE	
Benzo(ghi)perylene	GP-33 (4-8)	660.0	UG/KG	FS	
Benzo(k)fluoranthene	GP-33 (4-8)	1,300.0	UG/KG	RE	
Benzo(k)fluoranthene	GP-33 (4-8)	780.0	UG/KG	FS	
Cadmium - Total	GP-33 (4-8)	0.7	MG/KG	FS	
Chromium - Total	GP-33 (4-8)	13.5	MG/KG	FS	
Chrysene	GP-33 (4-8)	2,000.0	UG/KG	RE	
Chrysene	GP-33 (4-8)	1,000.0	UG/KG	FS	
Dibenzo(a,h)anthracene	GP-33 (4-8)	310.0	UG/KG	RE	J
Dibenzo(a,h)anthracene	GP-33 (4-8)	420.0	UG/KG	FS	
Fluoranthene	GP-33 (4-8)	3,100.0	UG/KG	RE	
Fluoranthene	GP-33 (4-8)	1,300.0	UG/KG	FS	
Fluorene	GP-33 (4-8)	130.0	UG/KG	RE	J
Indeno(1,2,3-cd)pyrene	GP-33 (4-8)	600.0	UG/KG	RE	
Indeno(1,2,3-cd)pyrene	GP-33 (4-8)	630.0	UG/KG	FS	
Lead - Total	GP-33 (4-8)	167.0	MG/KG	FS	
Mercury - Total	GP-33 (4-8)	0.7	MG/KG	FS	
Methylene chloride	GP-33 (4-8)	12.0	UG/KG	FS	B
Naphthalene	GP-33 (4-8)	770.0	UG/KG	FS	B
Naphthalene	GP-33 (4-8)	130.0	UG/KG	RE	J
Phenanthrene	GP-33 (4-8)	1,100.0	UG/KG	RE	
Phenanthrene	GP-33 (4-8)	630.0	UG/KG	FS	
Pyrene	GP-33 (4-8)	2,400.0	UG/KG	RE	
Pyrene	GP-33 (4-8)	1,100.0	UG/KG	FS	

Sample Date 8/13/02

Only detected parameters are listed

These tables are derived by RETEC from electronic data provided by NFG.

PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
2-Butanone	GP-34 (8-12)	16.0	UG/KG	FS	J
2-Methylnaphthalene	GP-34 (8-12)	140.0	UG/KG	RE	J
Acenaphthene	GP-34 (8-12)	860.0	UG/KG	RE	
Acenaphthylene	GP-34 (8-12)	140.0	UG/KG	RE	J
Acetone	GP-34 (8-12)	94.0	UG/KG	FS	
Anthracene	GP-34 (8-12)	2,000.0	UG/KG	RE	
Arsenic - Total	GP-34 (8-12)	3.9	MG/KG	FS	
Barium - Total	GP-34 (8-12)	101.0	MG/KG	FS	
Benzo(a)anthracene	GP-34 (8-12)	4,100.0	UG/KG	RE	
Benzo(a)anthracene	GP-34 (8-12)	1,200.0	UG/KG	FS	
Benzo(a)pyrene	GP-34 (8-12)	3,600.0	UG/KG	RE	
Benzo(a)pyrene	GP-34 (8-12)	900.0	UG/KG	FS	
Benzo(b)fluoranthene	GP-34 (8-12)	3,200.0	UG/KG	RE	
Benzo(b)fluoranthene	GP-34 (8-12)	1,400.0	UG/KG	FS	
Benzo(ghi)perylene	GP-34 (8-12)	480.0	UG/KG	FS	J
Benzo(ghi)perylene	GP-34 (8-12)	1,200.0	UG/KG	RE	
Benzo(k)fluoranthene	GP-34 (8-12)	2,600.0	UG/KG	RE	
Chromium - Total	GP-34 (8-12)	13.5	MG/KG	FS	
Chrysene	GP-34 (8-12)	3,800.0	UG/KG	RE	
Chrysene	GP-34 (8-12)	960.0	UG/KG	FS	
Dibenzo(a,h)anthracene	GP-34 (8-12)	670.0	UG/KG	RE	
Dibenzofuran	GP-34 (8-12)	600.0	UG/KG	RE	
Fluoranthene	GP-34 (8-12)	9,600.0	UG/KG	RE	
Fluoranthene	GP-34 (8-12)	2,500.0	UG/KG	FS	
Fluorene	GP-34 (8-12)	950.0	UG/KG	RE	
Indeno(1,2,3-cd)pyrene	GP-34 (8-12)	420.0	UG/KG	FS	J
Indeno(1,2,3-cd)pyrene	GP-34 (8-12)	1,300.0	UG/KG	RE	
Lead - Total	GP-34 (8-12)	53.5	MG/KG	FS	
Mercury - Total	GP-34 (8-12)	0.2	MG/KG	FS	
Methylene chloride	GP-34 (8-12)	15.0	UG/KG	FS	B
Naphthalene	GP-34 (8-12)	760.0	UG/KG	FS	B
Naphthalene	GP-34 (8-12)	530.0	UG/KG	RE	
Phenanthrene	GP-34 (8-12)	8,500.0	UG/KG	RE	
Phenanthrene	GP-34 (8-12)	2,800.0	UG/KG	FS	
Pyrene	GP-34 (8-12)	6,600.0	UG/KG	RE	
Pyrene	GP-34 (8-12)	2,200.0	UG/KG	FS	

Sample Date 8/13/02

Only detected parameters are listed

These tables are derived by RETEC from electronic data provided by NFG.

PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
2-Methylnaphthalene	GP-35 (16-20)	10,000.0	UG/KG	FS	B
2-Methylnaphthalene	GP-35 (16-20)	20,000.0	UG/KG	RE	
2-Methylnaphthalene	GP-35 (16-20) DL	7,300.0	UG/KG	DL	BD
Acenaphthene	GP-35 (16-20)	55,000.0	UG/KG	FS	B
Acenaphthene	GP-35 (16-20)	93,000.0	UG/KG	RE	
Acenaphthene	GP-35 (16-20) DL	53,000.0	UG/KG	DL	BD
Acenaphthylene	GP-35 (16-20)	2,600.0	UG/KG	RE	J
Acenaphthylene	GP-35 (16-20)	1,800.0	UG/KG	FS	
Amenable Cyanide	GP-35 (16-20)	2.0	MG/KG	FS	
Anthracene	GP-35 (16-20)	81,000.0	UG/KG	RE	
Anthracene	GP-35 (16-20)	43,000.0	UG/KG	FS	
Anthracene	GP-35 (16-20) DL	42,000.0	UG/KG	DL	D
Arsenic - Total	GP-35 (16-20)	10.6	MG/KG	FS	
Barium - Total	GP-35 (16-20)	128.0	MG/KG	FS	
Benzene	GP-35 (16-20)	17,000.0	UG/KG	FS	
Benzo(a)anthracene	GP-35 (16-20)	58,000.0	UG/KG	RE	
Benzo(a)anthracene	GP-35 (16-20)	35,000.0	UG/KG	FS	
Benzo(a)anthracene	GP-35 (16-20) DL	35,000.0	UG/KG	DL	D
Benzo(a)pyrene	GP-35 (16-20)	43,000.0	UG/KG	RE	
Benzo(a)pyrene	GP-35 (16-20)	26,000.0	UG/KG	FS	
Benzo(a)pyrene	GP-35 (16-20) DL	25,000.0	UG/KG	DL	D
Benzo(b)fluoranthene	GP-35 (16-20)	39,000.0	UG/KG	RE	
Benzo(b)fluoranthene	GP-35 (16-20)	23,000.0	UG/KG	FS	
Benzo(b)fluoranthene	GP-35 (16-20) DL	22,000.0	UG/KG	DL	D
Benzo(ghi)perylene	GP-35 (16-20)	11,000.0	UG/KG	RE	
Benzo(ghi)perylene	GP-35 (16-20)	12,000.0	UG/KG	FS	
Benzo(ghi)perylene	GP-35 (16-20) DL	11,000.0	UG/KG	DL	D
Benzo(k)fluoranthene	GP-35 (16-20)	28,000.0	UG/KG	RE	
Benzo(k)fluoranthene	GP-35 (16-20)	16,000.0	UG/KG	FS	
Benzo(k)fluoranthene	GP-35 (16-20) DL	16,000.0	UG/KG	DL	D
Chromium - Total	GP-35 (16-20)	11.0	MG/KG	FS	
Chrysene	GP-35 (16-20)	47,000.0	UG/KG	RE	
Chrysene	GP-35 (16-20)	30,000.0	UG/KG	FS	
Chrysene	GP-35 (16-20) DL	29,000.0	UG/KG	DL	D
Cyanide - Total	GP-35 (16-20)	2.2	MG/KG	FS	
Dibenzo(a,h)anthracene	GP-35 (16-20)	6,800.0	UG/KG	RE	
Dibenzo(a,h)anthracene	GP-35 (16-20)	6,500.0	UG/KG	FS	
Dibenzo(a,h)anthracene	GP-35 (16-20) DL	4,500.0	UG/KG	DL	D
Dibenzofuran	GP-35 (16-20)	88,000.0	UG/KG	RE	
Dibenzofuran	GP-35 (16-20)	52,000.0	UG/KG	FS	
Dibenzofuran	GP-35 (16-20) DL	49,000.0	UG/KG	DL	D
Ethylbenzene	GP-35 (16-20)	28,000.0	UG/KG	FS	
Fluoranthene	GP-35 (16-20)	170,000.0	UG/KG	RE	
Fluoranthene	GP-35 (16-20)	96,000.0	UG/KG	FS	
Fluoranthene	GP-35 (16-20) DL	100,000.0	UG/KG	DL	D

Sample Date 8/13/02

Only detected parameters are listed

These tables are derived by RETEC from electronic data provided by NFG.

PARAMETER	LOCATION / ID	RESULT	UNITS	TYPE	FLAGS
Fluorene	GP-35 (16-20)	120,000.0	UG/KG	RE	
Fluorene	GP-35 (16-20)	71,000.0	UG/KG	FS	
Fluorene	GP-35 (16-20) DL	65,000.0	UG/KG	DL	D
Indeno(1,2,3-cd)pyrene	GP-35 (16-20)	13,000.0	UG/KG	RE	
Indeno(1,2,3-cd)pyrene	GP-35 (16-20)	12,000.0	UG/KG	FS	
Indeno(1,2,3-cd)pyrene	GP-35 (16-20) DL	11,000.0	UG/KG	DL	D
Lead - Total	GP-35 (16-20)	214.0	MG/KG	FS	
Mercury - Total	GP-35 (16-20)	3.2	MG/KG	FS	
Methylene chloride	GP-35 (16-20)	230.0	UG/KG	FS	J
Naphthalene	GP-35 (16-20)	220,000.0	UG/KG	FS	BE
Naphthalene	GP-35 (16-20)	400,000.0	UG/KG	RE	
Naphthalene	GP-35 (16-20) DL	230,000.0	UG/KG	DL	BD
Phenanthrene	GP-35 (16-20)	310,000.0	UG/KG	RE	
Phenanthrene	GP-35 (16-20)	170,000.0	UG/KG	FS	
Phenanthrene	GP-35 (16-20) DL	190,000.0	UG/KG	DL	D
Pyrene	GP-35 (16-20)	110,000.0	UG/KG	RE	
Pyrene	GP-35 (16-20)	68,000.0	UG/KG	FS	
Pyrene	GP-35 (16-20) DL	79,000.0	UG/KG	DL	D
Toluene	GP-35 (16-20)	1,100.0	UG/KG	FS	
Total Xylenes	GP-35 (16-20)	63,000.0	UG/KG	FS	

Bedrock Wells and Monitoring Well Installation Test Results

Date: 10/17/2002

Time: 13:08:58

NATIONAL FUEL GAS

NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA

Page: 1

Rept: AN1178

000008

Date Received: 10/04/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Sample ID: BDR-1

Lab Sample ID: A2986012

Date Collected: 10/03/2002

Time Collected: 10:50

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES - 5 ML PU								
1,1,1-Trichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
1,1,2-Trichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
1,1-Dichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
1,1-Dichloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
1,2-Dichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
1,2-Dichloroethene (Total)	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
1,2-Dichloropropane	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
2-Butanone	ND		10	UG/L	8260/5ML	10/09/2002	21:02	DGP
2-Hexanone	ND		10	UG/L	8260/5ML	10/09/2002	21:02	DGP
4-Methyl-2-pentanone	ND		10	UG/L	8260/5ML	10/09/2002	21:02	DGP
Acetone	11	J	25	UG/L	8260/5ML	10/09/2002	21:02	DGP
Benzene	5.8		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Bromodichloromethane	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Bromoform	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Bromomethane	ND		10	UG/L	8260/5ML	10/09/2002	21:02	DGP
Carbon Disulfide	1.1	J	5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Carbon Tetrachloride	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Chlorobenzene	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Chloroethane	ND		10	UG/L	8260/5ML	10/09/2002	21:02	DGP
Chloroform	15		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Chloromethane	ND		10	UG/L	8260/5ML	10/09/2002	21:02	DGP
cis-1,3-Dichloropropene	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Dibromochloromethane	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Ethylbenzene	2.4	J	5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Methylene chloride	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Styrene	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Tetrachloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Toluene	5.9		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Total Xylenes	12	J	15	UG/L	8260/5ML	10/09/2002	21:02	DGP
trans-1,3-Dichloropropene	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Trichloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
Vinyl acetate	ND		10	UG/L	8260/5ML	10/09/2002	21:02	DGP
Vinyl chloride	ND		5.0	UG/L	8260/5ML	10/09/2002	21:02	DGP
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS								
1,2,4-Trichlorobenzene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
1,2-Dichlorobenzene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
1,3-Dichlorobenzene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
1,4-Dichlorobenzene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2,2'-Oxybis(1-Chloropropane)	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2,4,5-Trichlorophenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2,4,6-Trichlorophenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2,4-Dichlorophenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2,4-Dimethylphenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2,4-Dinitrophenol	ND		47	UG/L	8270	10/09/2002	23:17	DKF
2,4-Dinitrotoluene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2,6-Dinitrotoluene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2-Chloronaphthalene	ND		9	UG/L	8270	10/09/2002	23:17	DKF

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Time: 13:08:58

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Page: 2

Rept: AN1178

000009

Date Received: 10/04/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Sample ID: BDR-1

Lab Sample ID: A2986012

Date Collected: 10/03/2002

Time Collected: 10:50

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS								
2-Chlorophenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2-Methylnaphthalene	2	J	9	UG/L	8270	10/09/2002	23:17	DKF
2-Methylphenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
2-Nitroaniline	ND		47	UG/L	8270	10/09/2002	23:17	DKF
2-Nitrophenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
3,3'-Dichlorobenzidine	ND		19	UG/L	8270	10/09/2002	23:17	DKF
3-Nitroaniline	ND		47	UG/L	8270	10/09/2002	23:17	DKF
4,6-Dinitro-2-methylphenol	ND		47	UG/L	8270	10/09/2002	23:17	DKF
4-Bromophenyl phenyl ether	ND		9	UG/L	8270	10/09/2002	23:17	DKF
4-Chloro-3-methylphenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
4-Chloroaniline	ND		9	UG/L	8270	10/09/2002	23:17	DKF
4-Chlorophenyl phenyl ether	ND		9	UG/L	8270	10/09/2002	23:17	DKF
4-Methylphenol	ND		9	UG/L	8270	10/09/2002	23:17	DKF
4-Nitroaniline	ND		47	UG/L	8270	10/09/2002	23:17	DKF
4-Nitrophenol	ND		47	UG/L	8270	10/09/2002	23:17	DKF
Acenaphthene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Acenaphthylene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Anthracene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Benzo(a)anthracene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Benzo(a)pyrene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Benzo(b)fluoranthene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Benzo(ghi)perylene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Benzo(k)fluoranthene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Benzoic acid	ND		47	UG/L	8270	10/09/2002	23:17	DKF
Benzyl alcohol	ND		19	UG/L	8270	10/09/2002	23:17	DKF
Bis(2-chloroethoxy) methane	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Bis(2-chloroethyl) ether	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Bis(2-ethylhexyl) phthalate	11		9	UG/L	8270	10/09/2002	23:17	DKF
Butyl benzyl phthalate	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Chrysene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Di-n-butyl phthalate	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Di-n-octyl phthalate	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Dibenzo(a,h)anthracene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Dibenzofuran	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Diethyl phthalate	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Dimethyl phthalate	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Fluoranthene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Fluorene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Hexachlorobenzene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Hexachlorobutadiene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Hexachlorocyclopentadiene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Hexachloroethane	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Isophorone	ND		9	UG/L	8270	10/09/2002	23:17	DKF
N-Nitroso-Di-n-propylamine	ND		9	UG/L	8270	10/09/2002	23:17	DKF
N-nitrosodiphenylamine	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Naphthalene	12		9	UG/L	8270	10/09/2002	23:17	DKF
Nitrobenzene	ND		9	UG/L	8270	10/09/2002	23:17	DKF
Pentachlorophenol	ND		47	UG/L	8270	10/09/2002	23:17	DKF

Date: 10/17/2002

Time: 13:08:58

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NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA

Page: 3

Rept: AN1178

000010

Date Received: 10/04/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Sample ID: BDR-1
 Lab Sample ID: A2986012
 Date Collected: 10/03/2002
 Time Collected: 10:50

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS								
Phenanthrene	ND		9	UG/L	8270	10/09/2002 23:17		DKF
Phenol	ND		9	UG/L	8270	10/09/2002 23:17		DKF
Pyrene	ND		9	UG/L	8270	10/09/2002 23:17		DKF
Metals Analysis								
Arsenic - Total	ND		0.0070	MG/L	6010	10/10/2002 22:07		SW
Barium - Total	0.024		0.0010	MG/L	6010	10/10/2002 22:07		SW
Cadmium - Total	ND		0.0010	MG/L	6010	10/10/2002 22:07		SW
Chromium - Total	ND		0.0020	MG/L	6010	10/10/2002 22:07		SW
Lead - Total	ND		0.010	MG/L	6010	10/10/2002 22:07		SW
Mercury - Total	ND		0.00020	MG/L	7470	10/07/2002 19:43		JMB
Selenium - Total	ND		0.010	MG/L	6010	10/10/2002 22:07		SW
Silver - Total	ND		0.0030	MG/L	6010	10/10/2002 22:07		SW
Wet Chemistry Analysis								
Amenable Cyanide	0.032		0.010	MG/L	9012	10/11/2002 15:20		NAP
Cyanide - Total	0.48		0.010	MG/L	9012A	10/10/2002		JMS

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Sample ID: BDR-2

Lab Sample ID: A2986013

Date Collected: 10/03/2002

Time Collected: 09:15

Date Received: 10/04/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
AQUEOUS-SW8463 8260 - TCL VOLATILES - 5 ML PU							
1,1,1-Trichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
1,1,2-Trichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
1,1-Dichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
1,1-Dichloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
1,2-Dichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
1,2-Dichloroethene (Total)	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
1,2-Dichloropropane	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
2-Butanone	ND		10	UG/L	8260/5ML	10/09/2002 21:31	DGP
2-Hexanone	ND		10	UG/L	8260/5ML	10/09/2002 21:31	DGP
4-Methyl-2-pentanone	ND		10	UG/L	8260/5ML	10/09/2002 21:31	DGP
Acetone	13	J	25	UG/L	8260/5ML	10/09/2002 21:31	DGP
Benzene	47		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Bromodichloromethane	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Bromoform	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Bromomethane	ND		10	UG/L	8260/5ML	10/09/2002 21:31	DGP
Carbon Disulfide	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Carbon Tetrachloride	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Chlorobenzene	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Chloroethane	ND		10	UG/L	8260/5ML	10/09/2002 21:31	DGP
Chloroform	6.3		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Chloromethane	ND		10	UG/L	8260/5ML	10/09/2002 21:31	DGP
cis-1,3-Dichloropropene	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Dibromochloromethane	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Ethylbenzene	2.1	J	5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Methylene chloride	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Styrene	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Tetrachloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Toluene	4.4	J	5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Total Xylenes	5.8	J	15	UG/L	8260/5ML	10/09/2002 21:31	DGP
trans-1,3-Dichloropropene	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Trichloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP
Vinyl acetate	ND		10	UG/L	8260/5ML	10/09/2002 21:31	DGP
Vinyl chloride	ND		5.0	UG/L	8260/5ML	10/09/2002 21:31	DGP

AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS

1,2,4-Trichlorobenzene	ND		10		UG/L	8270	10/10/2002 00:01		DKF
1,2-Dichlorobenzene	ND		10		UG/L	8270	10/10/2002 00:01		DKF
1,3-Dichlorobenzene	ND		10		UG/L	8270	10/10/2002 00:01		DKF
1,4-Dichlorobenzene	ND		10		UG/L	8270	10/10/2002 00:01		DKF
2,2'-Oxybis(1-Chloropropane)	ND		10		UG/L	8270	10/10/2002 00:01		DKF
2,4,5-Trichlorophenol	ND		10		UG/L	8270	10/10/2002 00:01		DKF
2,4,6-Trichlorophenol	ND		10		UG/L	8270	10/10/2002 00:01		DKF
2,4-Dichlorophenol	ND		10		UG/L	8270	10/10/2002 00:01		DKF
2,4-Dimethylphenol	ND		10		UG/L	8270	10/10/2002 00:01		DKF
2,4-Dinitrophenol	ND		50		UG/L	8270	10/10/2002 00:01		DKF
2,4-Dinitrotoluene	ND		10		UG/L	8270	10/10/2002 00:01		DKF
2,6-Dinitrotoluene	ND		10		UG/L	8270	10/10/2002 00:01		DKF
2-Chloronaphthalene	ND		10		UG/L	8270	10/10/2002 00:01		DKF

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Date Collected: 10/03/2002

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Date Received: 10/04/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS							
2-Chlorophenol	ND		10	UG/L	8270	10/10/2002 00:01	DKF
2-Methylnaphthalene	0.5	J	10	UG/L	8270	10/10/2002 00:01	DKF
2-Methylphenol	ND		10	UG/L	8270	10/10/2002 00:01	DKF
2-Nitroaniline	ND		50	UG/L	8270	10/10/2002 00:01	DKF
2-Nitrophenol	ND		10	UG/L	8270	10/10/2002 00:01	DKF
3,3'-Dichlorobenzidine	ND		20	UG/L	8270	10/10/2002 00:01	DKF
3-Nitroaniline	ND		50	UG/L	8270	10/10/2002 00:01	DKF
4,6-Dinitro-2-methylphenol	ND		50	UG/L	8270	10/10/2002 00:01	DKF
4-Bromophenyl phenyl ether	ND		10	UG/L	8270	10/10/2002 00:01	DKF
4-Chloro-3-methylphenol	ND		10	UG/L	8270	10/10/2002 00:01	DKF
4-Chloroaniline	ND		10	UG/L	8270	10/10/2002 00:01	DKF
4-Chlorophenyl phenyl ether	ND		10	UG/L	8270	10/10/2002 00:01	DKF
4-Methylphenol	ND		10	UG/L	8270	10/10/2002 00:01	DKF
4-Nitroaniline	ND		50	UG/L	8270	10/10/2002 00:01	DKF
4-Nitrophenol	ND		50	UG/L	8270	10/10/2002 00:01	DKF
Acenaphthene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Acenaphthylene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Anthracene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Benzo(a)anthracene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Benzo(a)pyrene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Benzo(b)fluoranthene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Benzo(ghi)perylene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Benzo(k)fluoranthene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Benzoic acid	ND		50	UG/L	8270	10/10/2002 00:01	DKF
Benzyl alcohol	ND		20	UG/L	8270	10/10/2002 00:01	DKF
Bis(2-chloroethoxy) methane	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Bis(2-chloroethyl) ether	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Bis(2-ethylhexyl) phthalate	6	J	10	UG/L	8270	10/10/2002 00:01	DKF
Butyl benzyl phthalate	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Chrysene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Di-n-butyl phthalate	2	J	10	UG/L	8270	10/10/2002 00:01	DKF
Di-n-octyl phthalate	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Dibenzo(a,h)anthracene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Dibenzofuran	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Diethyl phthalate	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Dimethyl phthalate	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Fluoranthene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Fluorene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Hexachlorobenzene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Hexachlorobutadiene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Hexachlorocyclopentadiene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Hexachloroethane	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Indeno(1,2,3-cd)pyrene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Isophorone	ND		10	UG/L	8270	10/10/2002 00:01	DKF
N-Nitroso-Di-n-propylamine	ND		10	UG/L	8270	10/10/2002 00:01	DKF
N-nitrosodiphenylamine	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Naphthalene	3	J	10	UG/L	8270	10/10/2002 00:01	DKF
Nitrobenzene	ND		10	UG/L	8270	10/10/2002 00:01	DKF
Pentachlorophenol	ND		50	UG/L	8270	10/10/2002 00:01	DKF

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Sample ID: BDR-2
Lab Sample ID: A2986013
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000013
Date Received: 10/04/2002
Project No: NY2A8943
Client No: 511353
Site No: NFG

Parameter	Result	Flag	Detection		Units	Method	Date/Time	
			Limit				Analyzed	Analyst
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS								
Phenanthrene	ND		10		UG/L	8270	10/10/2002 00:01	DKF
Phenol	1	J	10		UG/L	8270	10/10/2002 00:01	DKF
Pyrene	ND		10		UG/L	8270	10/10/2002 00:01	DKF
Metals Analysis								
Arsenic - Total	ND		0.0070		MG/L	6010	10/10/2002 22:11	SW
Barium - Total	0.068		0.0010		MG/L	6010	10/10/2002 22:11	SW
Cadmium - Total	ND		0.0010		MG/L	6010	10/10/2002 22:11	SW
Chromium - Total	ND		0.0020		MG/L	6010	10/10/2002 22:11	SW
Lead - Total	ND		0.010		MG/L	6010	10/10/2002 22:11	SW
Mercury - Total	ND		0.00020		MG/L	7470	10/07/2002 19:44	JMB
Selenium - Total	ND		0.010		MG/L	6010	10/10/2002 22:11	SW
Silver - Total	ND		0.0030		MG/L	6010	10/10/2002 22:11	SW
Wet Chemistry Analysis								
Amenable Cyanide	0.069		0.010		MG/L	9012	10/11/2002 15:20	NAP
Cyanide - Total	0.072		0.010		MG/L	9012A	10/10/2002	JMS

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Sample ID: BDR-3

Lab Sample ID: A2986011

Date Collected: 10/03/2002

Time Collected: 13:05

Date Received: 10/04/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES - 5 ML PU								
1,1,1-Trichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
1,1,2-Trichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
1,1-Dichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
1,1-Dichloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
1,2-Dichloroethane	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
1,2-Dichloroethene (Total)	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
1,2-Dichloropropane	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
2-Butanone	6.5	J	10	UG/L	8260/5ML	10/09/2002	20:32	DGP
2-Hexanone	ND		10	UG/L	8260/5ML	10/09/2002	20:32	DGP
4-Methyl-2-pentanone	ND		10	UG/L	8260/5ML	10/09/2002	20:32	DGP
Acetone	54		25	UG/L	8260/5ML	10/09/2002	20:32	DGP
Benzene	130		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Bromodichloromethane	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Bromoform	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Bromomethane	ND		10	UG/L	8260/5ML	10/09/2002	20:32	DGP
Carbon Disulfide	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Carbon Tetrachloride	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Chlorobenzene	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Chloroethane	ND		10	UG/L	8260/5ML	10/09/2002	20:32	DGP
Chloroform	6.9		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Chloromethane	ND		10	UG/L	8260/5ML	10/09/2002	20:32	DGP
cis-1,3-Dichloropropene	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Dibromochloromethane	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Ethylbenzene	19		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Methylene chloride	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Styrene	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Tetrachloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Toluene	2.5	J	5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Total Xylenes	15		15	UG/L	8260/5ML	10/09/2002	20:32	DGP
trans-1,3-Dichloropropene	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Trichloroethene	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP
Vinyl acetate	ND		10	UG/L	8260/5ML	10/09/2002	20:32	DGP
Vinyl chloride	ND		5.0	UG/L	8260/5ML	10/09/2002	20:32	DGP

AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS

1,2,4-Trichlorobenzene	ND		9		UG/L	8270	10/09/2002 22:33		DKF
1,2-Dichlorobenzene	ND		9		UG/L	8270	10/09/2002 22:33		DKF
1,3-Dichlorobenzene	ND		9		UG/L	8270	10/09/2002 22:33		DKF
1,4-Dichlorobenzene	ND		9		UG/L	8270	10/09/2002 22:33		DKF
2,2'-Oxybis(1-Chloropropane)	ND		9		UG/L	8270	10/09/2002 22:33		DKF
2,4,5-Trichlorophenol	ND		9		UG/L	8270	10/09/2002 22:33		DKF
2,4,6-Trichlorophenol	ND		9		UG/L	8270	10/09/2002 22:33		DKF
2,4-Dichlorophenol	ND		9		UG/L	8270	10/09/2002 22:33		DKF
2,4-Dimethylphenol	ND		9		UG/L	8270	10/09/2002 22:33		DKF
2,4-Dinitrophenol	ND		47		UG/L	8270	10/09/2002 22:33		DKF
2,4-Dinitrotoluene	ND		9		UG/L	8270	10/09/2002 22:33		DKF
2,6-Dinitrotoluene	ND		9		UG/L	8270	10/09/2002 22:33		DKF
2-Chloronaphthalene	ND		9		UG/L	8270	10/09/2002 22:33		DKF

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Date Received: 10/04/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection		Method	Date/Time	
			Limit	Units		Analyzed	Analyst
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS							
2-Chlorophenol	ND		9	UG/L	8270	10/09/2002 22:33	DKF
2-Methylnaphthalene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
2-Methylphenol	ND		9	UG/L	8270	10/09/2002 22:33	DKF
2-Nitroaniline	ND		47	UG/L	8270	10/09/2002 22:33	DKF
2-Nitrophenol	ND		9	UG/L	8270	10/09/2002 22:33	DKF
3,3'-Dichlorobenzidine	ND		19	UG/L	8270	10/09/2002 22:33	DKF
3-Nitroaniline	ND		47	UG/L	8270	10/09/2002 22:33	DKF
4,6-Dinitro-2-methylphenol	ND		47	UG/L	8270	10/09/2002 22:33	DKF
4-Bromophenyl phenyl ether	ND		9	UG/L	8270	10/09/2002 22:33	DKF
4-Chloro-3-methylphenol	ND		9	UG/L	8270	10/09/2002 22:33	DKF
4-Chloroaniline	ND		9	UG/L	8270	10/09/2002 22:33	DKF
4-Chlorophenyl phenyl ether	ND		9	UG/L	8270	10/09/2002 22:33	DKF
4-Methylphenol	ND		9	UG/L	8270	10/09/2002 22:33	DKF
4-Nitroaniline	ND		47	UG/L	8270	10/09/2002 22:33	DKF
4-Nitrophenol	ND		47	UG/L	8270	10/09/2002 22:33	DKF
Acenaphthene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Acenaphthylene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Anthracene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Benzo(a)anthracene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Benzo(a)pyrene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Benzo(b)fluoranthene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Benzo(ghi)perylene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Benzo(k)fluoranthene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Benzoic acid	62		47	UG/L	8270	10/09/2002 22:33	DKF
Benzyl alcohol	ND		19	UG/L	8270	10/09/2002 22:33	DKF
Bis(2-chloroethoxy) methane	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Bis(2-chloroethyl) ether	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Bis(2-ethylhexyl) phthalate	6	J	9	UG/L	8270	10/09/2002 22:33	DKF
Butyl benzyl phthalate	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Chrysene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Di-n-butyl phthalate	2	J	9	UG/L	8270	10/09/2002 22:33	DKF
Di-n-octyl phthalate	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Dibenzo(a,h)anthracene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Dibenzofuran	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Diethyl phthalate	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Dimethyl phthalate	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Fluoranthene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Fluorene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Hexachlorobenzene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Hexachlorobutadiene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Hexachlorocyclopentadiene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Hexachloroethane	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Isophorone	ND		9	UG/L	8270	10/09/2002 22:33	DKF
N-Nitroso-Di-n-propylamine	ND		9	UG/L	8270	10/09/2002 22:33	DKF
N-nitrosodiphenylamine	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Naphthalene	27		9	UG/L	8270	10/09/2002 22:33	DKF
Nitrobenzene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Pentachlorophenol	ND		47	UG/L	8270	10/09/2002 22:33	DKF

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Sample ID: BDR-3

Lab Sample ID: A2986011

Date Collected: 10/03/2002

Time Collected: 13:05

Date Received: 10/04/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection	Units	Method	Date/Time	Analyst
			Limit			Analyzed	
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS							
Phenanthrene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Phenol	4	J	9	UG/L	8270	10/09/2002 22:33	DKF
Pyrene	ND		9	UG/L	8270	10/09/2002 22:33	DKF
Metals Analysis							
Arsenic - Total	ND		0.0070	MG/L	6010	10/10/2002 22:03	SW
Barium - Total	0.40		0.0010	MG/L	6010	10/10/2002 22:03	SW
Cadmium - Total	ND		0.0010	MG/L	6010	10/10/2002 22:03	SW
Chromium - Total	ND		0.0020	MG/L	6010	10/10/2002 22:03	SW
Lead - Total	ND		0.010	MG/L	6010	10/10/2002 22:03	SW
Mercury - Total	ND		0.00020	MG/L	7470	10/07/2002 19:42	JMB
Selenium - Total	ND		0.010	MG/L	6010	10/10/2002 22:03	SW
Silver - Total	ND		0.0030	MG/L	6010	10/10/2002 22:03	SW
Wet Chemistry Analysis							
Amenable Cyanide	ND		0.010	MG/L	9012	10/11/2002 15:20	NAP
Cyanide - Total	0.20		0.010	MG/L	9012A	10/10/2002	JMS

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Sample ID: MW-02-28

Lab Sample ID: A2980902

Date Collected: 10/02/2002

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Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES - 5 ML PU								
1,1,1-Trichloroethane	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
1,1,2-Trichloroethane	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
1,1-Dichloroethane	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
1,1-Dichloroethene	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
1,2-Dichloroethane	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
1,2-Dichloroethene (Total)	1.5	J	5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
1,2-Dichloropropane	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
2-Butanone	ND		10	UG/L	8260/5ML	10/08/2002	21:47	DGP
2-Hexanone	ND		10	UG/L	8260/5ML	10/08/2002	21:47	DGP
4-Methyl-2-pentanone	ND		10	UG/L	8260/5ML	10/08/2002	21:47	DGP
Acetone	ND		25	UG/L	8260/5ML	10/08/2002	21:47	DGP
Benzene	2000	E	5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Bromodichloromethane	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Bromoform	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Bromomethane	ND		10	UG/L	8260/5ML	10/08/2002	21:47	DGP
Carbon Disulfide	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Carbon Tetrachloride	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Chlorobenzene	1.2	J	5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Chloroethane	ND		10	UG/L	8260/5ML	10/08/2002	21:47	DGP
Chloroform	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Chloromethane	ND		10	UG/L	8260/5ML	10/08/2002	21:47	DGP
cis-1,3-Dichloropropene	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Dibromochloromethane	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Ethylbenzene	700	E	5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Methylene chloride	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Styrene	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Tetrachloroethene	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Toluene	190		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Total Xylenes	1200	E	15	UG/L	8260/5ML	10/08/2002	21:47	DGP
trans-1,3-Dichloropropene	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Trichloroethene	1.6	J	5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP
Vinyl acetate	ND		10	UG/L	8260/5ML	10/08/2002	21:47	DGP
Vinyl chloride	ND		5.0	UG/L	8260/5ML	10/08/2002	21:47	DGP

AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS

1,2,4-Trichlorobenzene	ND		9		UG/L	8270	10/07/2002 19:32	DKF
1,2-Dichlorobenzene	ND		9		UG/L	8270	10/07/2002 19:32	DKF
1,3-Dichlorobenzene	ND		9		UG/L	8270	10/07/2002 19:32	DKF
1,4-Dichlorobenzene	ND		9		UG/L	8270	10/07/2002 19:32	DKF
2,2'-Oxybis(1-Chloropropane)	ND		9		UG/L	8270	10/07/2002 19:32	DKF
2,4,5-Trichlorophenol	ND		9		UG/L	8270	10/07/2002 19:32	DKF
2,4,6-Trichlorophenol	ND		9		UG/L	8270	10/07/2002 19:32	DKF
2,4-Dichlorophenol	ND		9		UG/L	8270	10/07/2002 19:32	DKF
2,4-Dimethylphenol	27		9		UG/L	8270	10/07/2002 19:32	DKF
2,4-Dinitrophenol	ND		47		UG/L	8270	10/07/2002 19:32	DKF
2,4-Dinitrotoluene	ND		9		UG/L	8270	10/07/2002 19:32	DKF
2,6-Dinitrotoluene	ND		9		UG/L	8270	10/07/2002 19:32	DKF
2-Chloronaphthalene	ND		9		UG/L	8270	10/07/2002 19:32	DKF

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Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analyzed		
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS								
2-Chlorophenol	ND		9	UG/L	8270	10/07/2002 19:32		DKF
2-Methylnaphthalene	91		9	UG/L	8270	10/07/2002 19:32		DKF
2-Methylphenol	6	J	9	UG/L	8270	10/07/2002 19:32		DKF
2-Nitroaniline	ND		47	UG/L	8270	10/07/2002 19:32		DKF
2-Nitrophenol	ND		9	UG/L	8270	10/07/2002 19:32		DKF
3,3'-Dichlorobenzidine	ND		19	UG/L	8270	10/07/2002 19:32		DKF
3-Nitroaniline	ND		47	UG/L	8270	10/07/2002 19:32		DKF
4,6-Dinitro-2-methylphenol	ND		47	UG/L	8270	10/07/2002 19:32		DKF
4-Bromophenyl phenyl ether	ND		9	UG/L	8270	10/07/2002 19:32		DKF
4-Chloro-3-methylphenol	ND		9	UG/L	8270	10/07/2002 19:32		DKF
4-Chloroaniline	ND		9	UG/L	8270	10/07/2002 19:32		DKF
4-Chlorophenyl phenyl ether	ND		9	UG/L	8270	10/07/2002 19:32		DKF
4-Methylphenol	4	J	9	UG/L	8270	10/07/2002 19:32		DKF
4-Nitroaniline	ND		47	UG/L	8270	10/07/2002 19:32		DKF
4-Nitrophenol	ND		47	UG/L	8270	10/07/2002 19:32		DKF
Acenaphthene	19		9	UG/L	8270	10/07/2002 19:32		DKF
Acenaphthylene	3	J	9	UG/L	8270	10/07/2002 19:32		DKF
Anthracene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Benzo(a)anthracene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Benzo(a)pyrene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Benzo(b)fluoranthene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Benzo(ghi)perylene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Benzo(k)fluoranthene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Benzoic acid	ND		47	UG/L	8270	10/07/2002 19:32		DKF
Benzyl alcohol	0.6	J	19	UG/L	8270	10/07/2002 19:32		DKF
Bis(2-chloroethoxy) methane	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Bis(2-chloroethyl) ether	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Bis(2-ethylhexyl) phthalate	5	J	9	UG/L	8270	10/07/2002 19:32		DKF
Butyl benzyl phthalate	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Chrysene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Di-n-butyl phthalate	2	J	9	UG/L	8270	10/07/2002 19:32		DKF
Di-n-octyl phthalate	2	J	9	UG/L	8270	10/07/2002 19:32		DKF
Dibenzo(a,h)anthracene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Dibenzofuran	1	J	9	UG/L	8270	10/07/2002 19:32		DKF
Diethyl phthalate	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Dimethyl phthalate	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Fluoranthene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Fluorene	2	J	9	UG/L	8270	10/07/2002 19:32		DKF
Hexachlorobenzene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Hexachlorobutadiene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Hexachlorocyclopentadiene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Hexachloroethane	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Indeno(1,2,3-cd)pyrene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Isophorone	ND		9	UG/L	8270	10/07/2002 19:32		DKF
N-Nitroso-Di-n-propylamine	ND		9	UG/L	8270	10/07/2002 19:32		DKF
N-nitrosodiphenylamine	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Naphthalene	840	E	9	UG/L	8270	10/07/2002 19:32		DKF
Nitrobenzene	ND		9	UG/L	8270	10/07/2002 19:32		DKF
Pentachlorophenol	ND		47	UG/L	8270	10/07/2002 19:32		DKF

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Date Collected: 10/02/2002
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Date Received: 10/03/2002
Project No: NY2A8943
Client No: 511353
Site No: NFG

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS							
Phenanthrene	ND		9	UG/L	8270	10/07/2002 19:32	DKF
Phenol	10		9	UG/L	8270	10/07/2002 19:32	DKF
Pyrene	ND		9	UG/L	8270	10/07/2002 19:32	DKF
Metals Analysis							
Arsenic - Total	0.042		0.0070	MG/L	6010	10/10/2002 16:31	SW
Barium - Total	2.0		0.0010	MG/L	6010	10/10/2002 16:31	SW
Cadmium - Total	0.0029		0.0010	MG/L	6010	10/10/2002 16:31	SW
Chromium - Total	0.075		0.0020	MG/L	6010	10/10/2002 16:31	SW
Lead - Total	0.18		0.010	MG/L	6010	10/10/2002 16:31	SW
Mercury - Total	ND		0.00020	MG/L	7470	10/07/2002 11:41	DMD
Selenium - Total	ND		0.010	MG/L	6010	10/10/2002 16:31	SW
Silver - Total	ND		0.0030	MG/L	6010	10/10/2002 16:31	SW
Wet Chemistry Analysis							
Amenable Cyanide	0.079		0.010	MG/L	9012	10/10/2002 17:31	JMS
Cyanide - Total	0.41		0.010	MG/L	9012A	10/10/2002 17:31	JMS

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Sample ID: MW-02-28

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Date Collected: 10/02/2002

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Date Received: 10/03/2002

Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
AQUEOUS-SW8463 8260 - TCL VOLATILES - 5 ML PU								
1,1,1-Trichloroethane	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
1,1,2,2-Tetrachloroethane	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
1,1,2-Trichloroethane	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
1,1-Dichloroethane	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
1,1-Dichloroethene	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
1,2-Dichloroethane	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
1,2-Dichloroethene (Total)	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
1,2-Dichloropropane	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
2-Butanone	ND		200	UG/L	8260/5ML	10/09/2002	23:58	DGP
2-Hexanone	ND		200	UG/L	8260/5ML	10/09/2002	23:58	DGP
4-Methyl-2-pentanone	ND		200	UG/L	8260/5ML	10/09/2002	23:58	DGP
Acetone	ND		500	UG/L	8260/5ML	10/09/2002	23:58	DGP
Benzene	3300	D	100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Bromodichloromethane	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Bromoform	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Bromomethane	ND		200	UG/L	8260/5ML	10/09/2002	23:58	DGP
Carbon Disulfide	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Carbon Tetrachloride	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Chlorobenzene	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Chloroethane	ND		200	UG/L	8260/5ML	10/09/2002	23:58	DGP
Chloroform	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Chloromethane	ND		200	UG/L	8260/5ML	10/09/2002	23:58	DGP
cis-1,3-Dichloropropene	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Dibromochloromethane	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Ethylbenzene	740	D	100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Methylene chloride	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Styrene	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Tetrachloroethene	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Toluene	160	D	100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Total Xylenes	1100	D	300	UG/L	8260/5ML	10/09/2002	23:58	DGP
trans-1,3-Dichloropropene	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Trichloroethene	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP
Vinyl acetate	ND		200	UG/L	8260/5ML	10/09/2002	23:58	DGP
Vinyl chloride	ND		100	UG/L	8260/5ML	10/09/2002	23:58	DGP

AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS

1,2,4-Trichlorobenzene	ND		190		UG/L	8270	10/08/2002	15:15	DKF
1,2-Dichlorobenzene	ND		190		UG/L	8270	10/08/2002	15:15	DKF
1,3-Dichlorobenzene	ND		190		UG/L	8270	10/08/2002	15:15	DKF
1,4-Dichlorobenzene	ND		190		UG/L	8270	10/08/2002	15:15	DKF
2,2'-Oxybis(1-Chloropropane)	ND		190		UG/L	8270	10/08/2002	15:15	DKF
2,4,5-Trichlorophenol	ND		190		UG/L	8270	10/08/2002	15:15	DKF
2,4,6-Trichlorophenol	ND		190		UG/L	8270	10/08/2002	15:15	DKF
2,4-Dichlorophenol	ND		190		UG/L	8270	10/08/2002	15:15	DKF
2,4-Dimethylphenol	16	DJ	190		UG/L	8270	10/08/2002	15:15	DKF
2,4-Dinitrophenol	ND		930		UG/L	8270	10/08/2002	15:15	DKF
2,4-Dinitrotoluene	ND		190		UG/L	8270	10/08/2002	15:15	DKF
2,6-Dinitrotoluene	ND		190		UG/L	8270	10/08/2002	15:15	DKF
2-Chloronaphthalene	ND		190		UG/L	8270	10/08/2002	15:15	DKF

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Project No: NY2A8943

Client No: 511353

Site No: NFG

Parameter	Result	Flag	Detection	Units	Method	Date/Time		Analyst
			Limit			Analyzed		
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS								
2-Chlorophenol	ND		190	UG/L	8270	10/08/2002	15:15	DKF
2-Methylnaphthalene	B1	DJ	190	UG/L	8270	10/08/2002	15:15	DKF
2-Methylphenol	ND		190	UG/L	8270	10/08/2002	15:15	DKF
2-Nitroaniline	ND		930	UG/L	8270	10/08/2002	15:15	DKF
2-Nitrophenol	ND		190	UG/L	8270	10/08/2002	15:15	DKF
3,3'-Dichlorobenzidine	ND		370	UG/L	8270	10/08/2002	15:15	DKF
3-Nitroaniline	ND		930	UG/L	8270	10/08/2002	15:15	DKF
4,6-Dinitro-2-methylphenol	ND		930	UG/L	8270	10/08/2002	15:15	DKF
4-Bromophenyl phenyl ether	ND		190	UG/L	8270	10/08/2002	15:15	DKF
4-Chloro-3-methylphenol	ND		190	UG/L	8270	10/08/2002	15:15	DKF
4-Chloroaniline	ND		190	UG/L	8270	10/08/2002	15:15	DKF
4-Chlorophenyl phenyl ether	ND		190	UG/L	8270	10/08/2002	15:15	DKF
4-Methylphenol	ND		190	UG/L	8270	10/08/2002	15:15	DKF
4-Nitroaniline	ND		930	UG/L	8270	10/08/2002	15:15	DKF
4-Nitrophenol	ND		930	UG/L	8270	10/08/2002	15:15	DKF
Acenaphthene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Acenaphthylene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Anthracene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Benzo(a)anthracene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Benzo(a)pyrene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Benzo(b)fluoranthene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Benzo(ghi)perylene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Benzo(k)fluoranthene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Benzoic acid	ND		930	UG/L	8270	10/08/2002	15:15	DKF
Benzyl alcohol	ND		370	UG/L	8270	10/08/2002	15:15	DKF
Bis(2-chloroethoxy) methane	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Bis(2-chloroethyl) ether	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Bis(2-ethylhexyl) phthalate	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Butyl benzyl phthalate	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Chrysene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Di-n-butyl phthalate	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Di-n-octyl phthalate	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Dibenzo(a,h)anthracene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Dibenzofuran	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Diethyl phthalate	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Dimethyl phthalate	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Fluoranthene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Fluorene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Hexachlorobenzene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Hexachlorobutadiene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Hexachlorocyclopentadiene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Hexachloroethane	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Indeno(1,2,3-cd)pyrene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Isophorone	ND		190	UG/L	8270	10/08/2002	15:15	DKF
N-Nitroso-Di-n-propylamine	ND		190	UG/L	8270	10/08/2002	15:15	DKF
N-nitrosodiphenylamine	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Naphthalene	2000	D	190	UG/L	8270	10/08/2002	15:15	DKF
Nitrobenzene	ND		190	UG/L	8270	10/08/2002	15:15	DKF
Pentachlorophenol	ND		930	UG/L	8270	10/08/2002	15:15	DKF

STL Buffalo

Date: 10/17/2002
Time: 13:05:18

NATIONAL FUEL GAS
NATIONAL FUEL - BUFFALO WATERFRONT SCHOOL AREA

000048

Page: 41
Rept: AN1178

Sample ID: MW-02-28
Lab Sample ID: A2980902DL
Date Collected: 10/02/2002
Time Collected: 13:25

Date Received: 10/03/2002
Project No: NY2A8943
Client No: 511353
Site No: NFG

Parameter	Result	Flag	Detection		Units	Method	Date/Time		Analyst
			Limit				Analyzed		
AQUEOUS-SW8463 8270C - TCL SVOA ORGANICS									
Phenanthrene	ND		190		UG/L	8270	10/08/2002 15:15		DKF
Phenol	ND		190		UG/L	8270	10/08/2002 15:15		DKF
Pyrene	ND		190		UG/L	8270	10/08/2002 15:15		DKF

Sampling Location Survey

OFFICE
ALBANY, NY
DRAWING
NUMBER
805808D33

VERTICAL SCALE
1" = 30'

1. Project location: 805808D33.dwg
2. Date: 10/24/02
3. Formatted: 10/24/02

REFERENCE:

BASE MAP SOURCE: NADARA BOUNDARY
AND MAPPING SERVICES L.P.C.

