

**Adirondack Regional Business Incubator Site
36 Elm Street
City of Glens Falls, New York**

Environmental Restoration Project

Appendix A - O

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ENVIRONMENTAL QUALITY

Site Investigation Report

**New York State Assistance Contract No. C303163
ERP Project No. E557019**

May 2008

Prepared For:

Greater Glens Falls Local Development Corporation
42 Ridge Street
Glens Falls, New York 12801

Attn: Mr. Thomas Donohue
Tel: (518) 761-3883



Engineers • Environmental Scientists • Planners • Landscape Architects

**2 Corporate Plaza
264 Washington Avenue Extension
Albany, New York 12203**

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City of Glens Falls

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Appendix A – O

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Attn: Mr. Thomas Donohue
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Prepared By:

Barton & Loguidice, P.C.
Engineers, Environmental Scientists, Planners, Landscape Architects
2 Corporate Plaza
264 Washington Avenue Extension
Albany, New York 12203

Attn: Mr. Stephen Le Fevre, P.G.
Tel: (518) 218-1801

Appendix C

**Subsurface Boring Logs and
Well Installation Details**



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BOREHOLE NO: B&L-1

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PROJECT INFORMATION

Project: 36 Elm St ERP
 Client: City of Glens Falls
 Site Location: Glens Falls, NY
 Job No: 1032.001-A
 Project Manager: Scott D. Nostrand
 Logged By: Joshua G. Haugh
 Dates Drilled: 5/16/2007

DRILLING INFORMATION

Drilling Co: Zebra Environmental
 Driller: Ethan Plank
 Rig Type: Geoprobe Remote Unit
 Drilling Method(s): 1" Macro-Core
 Hammer Wt/Drop: N/A
 Hammer Type: N/A
 Borehole Diam: 3" Total Depth 8'

LOCATION INFORMATION

Horiz. Datum: NA Easting: NA
 Vert. Datum: NA Northing: NA

WELL INFORMATION

Ground Elevation: NA Screen Type/Diam: 1" PVC
 TOC Elevation: Flushmount Slot Size: 0.010"

Depth	Sample Type	USCS	Description	Sample No.	Sample Int.	Recovery	Blows Per 6"	N or RQD%	Lithology	Well Construction	PID (ppm)	Notes
0			3" CONCRETE SLAB									
MC			Brown mf SAND, little (+) c SAND, little (-) mf GRAVEL (sub-rounded); loose, damp.	1							2.0	Lab sample collected @ 11:15. Analyzed for VOCs, SVOCs, Metals, and PCBs.
MC			Above with increase of c SAND and f GRAVEL; loose, saturated.	2							1.6	
-5 MC			Brown cmf SAND, little fm GRAVEL; loose, saturated.	3							1.8	
MC			Same as above.	4							1.7	



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BOREHOLE NO: B&L-5

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PROJECT INFORMATION

Project: 36 Elm St ERP
 Client: City of Glens Falls
 Site Location: Glens Falls, NY
 Job No: 1032.001-A
 Project Manager: Scott D. Nostrand
 Logged By: Joshua G. Haugh
 Dates Drilled: 5/18/2007

DRILLING INFORMATION

Drilling Co: Zebra Environmental
 Driller: Kirk Shoen
 Rig Type: Geoprobe 6620DT
 Drilling Method(s): 2" Macro-Core
 Hammer Wt/Drop: N/A
 Hammer Type: N/A
 Borehole Diam: 3" Total Depth 20'

LOCATION INFORMATION

Horiz. Datum: NA Easting: NA
 Vert. Datum: NA Northing: NA

WELL INFORMATION

Ground Elevation: NA Screen Type/Diam: 2" PVC
 TOC Elevation: Flushmount Slot Size: 0.010"

Depth	Sample Type	USCS	Description	Sample No.	Sample Int.	Recovery	Blows Per 6"	N or RQD%	Lithology	Well Construction	PID (ppm)	Notes
0			Dark Brown/Tan fm SAND, trace SILT; loose, slightly damp.									
MC				1								
-5			Above grades to light Brown mf SAND; loose, slightly damp. As above, light Brown mf SAND, little (-) c SAND; occassional layering.									
MC				2								
-10			As above, occassional GRAVEL									
MC				3								
-15			Above with increase in c SAND; loose, becomes saturated at 12 ft.									
MC				4								
-20			As above.									
												Lab sample and MS/MSD collected @ 14:00. Analyzed for VOCs, SVOCs, Metals, and PCBs.
												Macro-Core failure, poor recovery.



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BOREHOLE NO: B&L-6

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PROJECT INFORMATION

Project: 36 Elm St ERP
 Client: City of Glens Falls
 Site Location: Glens Falls, NY
 Job No: 1032.001-A
 Project Manager: Scott D. Nostrand
 Logged By: Joshua G. Haugh
 Dates Drilled: 5/18/2007

DRILLING INFORMATION

Drilling Co: Zebra Environmental
 Driller: Kirk Shoen
 Rig Type: Geoprobe 6620DT
 Drilling Method(s): 2" Macro-Core
 Hammer Wt/Drop: N/A
 Hammer Type: N/A
 Borehole Diam: 3" Total Depth 20'

LOCATION INFORMATION

Horiz. Datum: NA Easting: NA
 Vert. Datum: NA Northing: NA

WELL INFORMATION

Ground Elevation: NA Screen Type/Diam: 2" PVC
 TOC Elevation: Flushmount Slot Size: 0.010"

Depth	Sample Type	USCS	Description	Sample No.	Sample Int.	Recovery	Blows Per 6"	N or RQD%	Lithology	Well Construction	PID (ppm)	Notes
0			ASPHALT and GRAVEL (FILL)									
MC			Red/Brown mf SAND and f GRAVEL (FILL); very soft, loose, damp.	1							0.4	
-5			Above grades to light Brown fm SAND; well-sorted; very soft, loose, slightly damp.	2								
MC			Above grades to dark Brown mf SAND and GRAVEL FRAGS (angular); loose.									
-10			Above grades to cm SAND and (-) m GRAVEL (sub-rounded); becomes saturated at 13'.	3								
MC			Brown cm SAND and (-) m GRAVEL; loose, saturated.	4								
-15												
MC												
-20												

Lab sample collected @ 09:15. Analyzed for VOCs, SVOCs, Metals, and PCBs.



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BOREHOLE NO: B&L-7

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PROJECT INFORMATION

Project: 36 Elm St ERP
 Client: City of Glens Falls
 Site Location: Glens Falls, NY
 Job No: 1032.001-A
 Project Manager: Scott D. Nostrand
 Logged By: Joshua G. Haugh
 Dates Drilled: 5/16/2007

DRILLING INFORMATION

Drilling Co: Zebra Environmental
 Driller: Ethan Plank
 Rig Type: Geoprobe Remote Unit
 Drilling Method(s): 1" Macro-Core
 Hammer Wt/Drop: N/A
 Hammer Type: N/A
 Borehole Diam: 3" Total Depth 9'

LOCATION INFORMATION

Horiz. Datum: NA Easting: NA
 Vert. Datum: NA Northing: NA

WELL INFORMATION

Ground Elevation: NA Screen Type/Diam: 1" PVC
 TOC Elevation: Flushmount Slot Size: 0.010"

Depth	Sample Type	USCS	Description	Sample No.	Sample Int.	Recovery	Blows Per 6"	N or RQD%	Lithology	Well Construction	PID (ppm)	Notes
0			3" CONCRETE SLAB									
			Brown cm SAND, little fm GRAVEL and f SAND; loose, wet.									
			As above; saturated.									
	MC		As above; saturated.									
-5	MC		As above; saturated.									
	MC		Brown cm SAND, little (-) fm GRAVEL (sub-rounded); loose, saturated.									
	MC		As above.									
												Lab sample collected @ 10:45. Analyzed for VOCs, SVOCs, Metals, and PCBs.



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BOREHOLE NO: B&L-8

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PROJECT INFORMATION

Project: 36 Elm St ERP
 Client: City of Glens Falls
 Site Location: Glens Falls, NY
 Job No: 1032.001-A
 Project Manager: Scott D. Nostrand
 Logged By: Joshua G. Haugh
 Dates Drilled: 5/16/2007

DRILLING INFORMATION

Drilling Co: Zebra Environmental
 Driller: Ethan Plank
 Rig Type: Geoprobe Remote Unit
 Drilling Method(s): 1" Macro-Core
 Hammer Wt/Drop: N/A
 Hammer Type: N/A
 Borehole Diam: 3" Total Depth 9'

LOCATION INFORMATION

Horiz. Datum: NA Easting: NA
 Vert. Datum: NA Northing: NA

WELL INFORMATION

Ground Elevation: NA Screen Type/Diam: 1" PVC
 TOC Elevation: Flushmount Slot Size: 0.010"

Depth	Sample Type	USCS	Description	Sample No.	Sample Int.	Recovery	Blows Per 6"	N or RQD%	Lithology	Well Construction	PID (ppm)	Notes
0			3" CONCRETE SLAB									
	MC		Brown cm SAND, little fm GRAVEL and f SAND; loose, wet.	1							1.3	
	MC		As above; saturated.	2							1.2	
-5	MC		As above; saturated.	3							0.9	
	MC		Brown cm SAND, little (-) fm GRAVEL (sub-rounded); loose, saturated.	4							0.8	
	MC		As above.	5							1.2	Lab sample collected @ 10:45. Analyzed for VOCs, SVOCs, Metals, and PCBs.