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

Environmental Restoration Project

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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



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

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Appendix A - O

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

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 G
Field Sampling Data Sheets



B&L Form No. 127

FIELD SAMPLING DATA SHEET

Consulting E	ngineers		•				
SITE: 36 Elm St CLIENT: City of Gl Weather Conditions:	ens Falls		SAMPLE JOB #: Temp:	LOCATION 1032.001 70's F		B&L-2	
SAMPLE TYPE:	Groundwater Sediment	X —	Surface V			Other (specify):	-
Static Water Level (fee Measured Well Depth Well Casing Diameter Volume in Well Casing *depth fro	et)*: (feet)*: (inches):		10.9 18.1 1.1	7	Other Meas	uring Point: Top of Riser (specify): ured by: JGH/SMQ 09:40 Date:5/30/07	X
PURGING METHOD Equipment:	Bailer Bladder Pump Dedicated	X	Submers Foot Valv Non-ded		 X	Air Lift System Peristaltic Pump	
Volume of Water Purg	ned (gallons): Did well purge dry? Did well recover?	3.5 No X No]	Yes	X	Recovery time: <1 min	
SAMPLING METHOD Equipment:	Bailer Bladder Pump Dedicated	X	Submers Foot Valv			Air Lift System Peristaltic Pump	
Sampled by: JGH/SM	<u> </u>	Time:	<u>14:15</u>	_	Date:	5/30/2007	
SAMPLING DATA Sample Appearance Color: Slight clos Odor: None			Sedimen	t: Little (-) fi	nes		
Field Measured Parameters pH (Standard Units) 6.89 Sp. Conductivity (umhos/cm) 0.810/0.960							
Temperature (C)	pH (Standard Units) 6.89 Temperature (C) 15.48		Eh-Redox Potential (mV)			-184.0	
Turbidity (NTUs) 1206.4		Dissolved Oxygen (mg/L) 9.91					
Samples Collected (Number/Type): (2) VOCs, (2) SVOCs, (1) Metals, (1) PCBs Samples Delivered to:Mitkem Time shipped:17:00							
COMMENTS: B&L Form No. 127						Hēv. 7/98 (KLH)	•

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FIELD SAMPLING DATA SHEET

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Consulting 1	Engineers						
SITE: 36 Elm S	it		SAMPLE LOCATIO	N:	B&L-3	i	
CLIENT: City of G	iens Falls		JOB #: 1032.00				
Weather Conditions:	Sunny		Temp: 70's F		•		
SAMPLE TYPE:	Groundwater [ХI	Surface Water		Other (specify):		
·	Sediment		Leachate		——————————————————————————————————————		
WATER LEVEL DAT				<u></u>			
Static Water Level (fe		-	10.06		uring Point: Top of Riser	X	
Measured Well Depth Well Casing Diameter			17.92 2		(specify): ured by: JGH/SMQ		
Volume in Well Casin			1.26		09:35 Date:5/30/07		
*depth fro	m measuring point		_				
PURGING METHOD							
Equipment:	Bailer · [X	Submersible Pump		Air Lift System		
•	Bladder Pump [Foot Valve		Peristaltic Pump		
	Dedicated [Non-dedicated	X			
Volume of Water Purg	ged (gallons): 3.8	3					
	Did well purge dry?	No X] Yes				
	Did well recover?	No 🗀]	X	Recovery time: <1 min	ŀ	
SAMPLING METHOD						<u></u> _	
Equipment:	_	X	Submersible Pump		Air Lift System		
	Bladder Pump	7	Foot Valve	Ħ	Peristaltic Pump		
	Dedicated [Non-dedicated	X	•		
Sampled by: JGH/SM	<u> </u>	Time:	13:45	Date:	5/30/2007		
SAMPLING DATA					v		
Sample Appearance Color: Slight clor	udu brawa		0-2				
Odor: None	udy brown		Sediment: Little (-) fi	ines			
Field Measured Parar pH (Standard Units)	7.08	_	Sp. Conductivity (um	haa/am)	1 110/0 017	- 4	
Temperature (C)	15.44		Eh-Redox Potential (1.119/0.915 -233.6		
Turbidity (NTUs)	1205.8		Dissolved Oxygen (m		9.68		
			•				
Samples Collected (Number/Type):							
(2) VOCs, (2) SVOCs, (1) Metals, (1) PCBs + Blind duplicate (1 jar set)							
Samples Delivered to	Mitkem		Time shippe	d: <u>17:00</u>	Date: 5/30/200	 <u>)7</u>	
COMMENTS:	Blind duplicate collecte	d					
]	
B&L Form No. 127					Rev. 7/98 (KLH)		

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FIELD SAMPLING DATA SHEET

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Consulting Engineers B&L-4 SITE: 36 Elm St **SAMPLE LOCATION:** 1032.001 CLIENT: City of Glens Falls JOB #: 70's F Weather Conditions: Sunny Temp: SAMPLE TYPE: Surface Water Other (specify):_____ Groundwater Sediment Leachate **WATER LEVEL DATA** X 10.21 Measuring Point: Top of Riser Static Water Level (feet)*: Measured Well Depth (feet)*: 17.94 Other (specify): ___ Measured by: JGH/SMQ Well Casing Diameter (inches): Volume in Well Casing (gallons): Time: 09:30 Date:5/30/07 *depth from measuring point **PURGING METHOD** Bailer Submersible Pump Air Lift System Equipment: Peristaltic Pump Bladder Pump Foot Valve Dedicated Non-dedicated Volume of Water Purged (gallons): 3.7 Did well purge dry? Yes No X Recovery time: <1 min Did well recover? No SAMPLING METHOD Bailer Submersible Pump Air Lift System Equipment: Bladder Pump Foot Valve Peristaltic Pump Dedicated Non-dedicated 5/30/2007 Sampled by: JGH/SMQ Time: 12:50 Date: SAMPLING DATA Sample Appearance Slight cloudy brown Sediment: Little (-) fines Color: None Odor: Field Measured Parameters pH (Standard Units) Sp. Conductivity (umhos/cm) 1.349/1.021 6.96 Eh-Redox Potential (mV) -199.0 Temperature (C) 12.16 Turbidity (NTUs) 1177.6 Dissolved Oxygen (mg/L) 9.56 Samples Collected (Number/Type): (2) VOCs, (2) SVOCs, (1) Metals, (1) PCBs + MS/MSD (2 jar sets) Samples Delivered to: Mitkem Time shipped: 17:00 Date: 5/30/2007 MS/MSD collected **COMMENTS:**



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FIELD SAMPLING DATA SHEET

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Consulting Engineers							
SITE: 36 Elm S CLIENT: City of G Weather Conditions:	lens Falls		SAMPLE LOCATION JOB #: 1032.00 Temp: 70's F		B&L-5		
SAMPLE TYPE:	Groundwater Sediment	X	Surface Water Leachate		Other (specify):		
WATER LEVEL DATA							
Static Water Level (fe Measured Well Depth Well Casing Diameter Volume in Well Casing *depth from	(feet)*: (inches):		10.66 18.19 2 1.2	Other Meas	uring Point: Top of Riser (specify): ured by: JGH/SMQ 09:30 Date:5/30/07	X	
PURGING METHOD							
Equipment:	Bailer Bladder Pump <i>Dedicated</i>	X	Submersible Pump Foot Valve Non-dedicated		Air Lift System Peristaltic Pump		
Volume of Water Purg	ged (gallons):	<u>3.6</u>					
·	Did well purge dry? Did well recover?	No X	Yes	X	Recovery time: <1 min		
SAMPLING METHOD)		,				
Equipment:	Bailer Bladder Pump <i>Dedicated</i>		Submersible Pump Foot Valve Non-dedicated		Air Lift System Peristaltic Pump		
Sampled by: JGH/SM	Q	Time:	12:30	Date:	5/30/2007		
SAMPLING DATA Sample Appearance	udy brown.		Sediment: Little (-) fire				
pH (Standard Units)	6.87		Sp. Conductivity (uml	hos/cm)	1.110/0.863		
Temperature (C)	13.15		Eh-Redox Potential (ı		-199.6		
Turbidity (NTUs)	1183.4		Dissolved Oxygen (m	ıg/L)	9.67		
Samples Collected (Number/Type): (2) VOCs, (2) SVOCs, (1) Metals, (1) PCBs							
Samples Delivered to:Mitkem		Time shipped: 17:00		Date: 5/30/2007			
COMMENTS:							

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FIELD SAMPLING DATA SHEET

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Consulting Engineers **B&L-6 SAMPLE LOCATION:** SITE: 36 Elm St 1032.001 CLIENT: City of Glens Falls JOB #: 70's F Weather Conditions: Sunny Temp: **SAMPLE TYPE:** Groundwater Surface Water Other (specify):___ Sediment Leachate **WATER LEVEL DATA** Measuring Point: Top of Riser $|\mathsf{x}|$ Static Water Level (feet)*: 11.68 19.22 Other (specify): _ Measured Well Depth (feet)*: Measured by: JGH/SMQ Well Casing Diameter (inches): Time: 09:00 Date:5/30/07 Volume in Well Casing (gallons): *depth from measuring point **PURGING METHOD** Bailer Submersible Pump Air Lift System Equipment: Peristaltic Pump **Bladder Pump** Foot Valve Dedicated Non-dedicated 3.6 Volume of Water Purged (gallons): Did well purge dry? Yes No Did well recover? No Recovery time: <1 min **SAMPLING METHOD** Air Lift System Bailer Submersible Pump Equipment: Bladder Pump Foot Valve Peristaltic Pump Dedicated Non-dedicated 5/30/2007 Sampled by: JGH/SMQ Time: 11:15 Date: **SAMPLING DATA** Sample Appearance Color: Slight cloudy brown Sediment: Little (-) fines Odor: None Field Measured Parameters pH (Standard Units) 6.88 Sp. Conductivity (umhos/cm) 0.843/0.652 Eh-Redox Potential (mV) -182.0 Temperature (C) 12.56 Dissolved Oxygen (mg/L) 10.47 Turbidity (NTUs) 1183.2 Samples Collected (Number/Type): (2) VOCs, (2) SVOCs, (1) Metals, (1) PCBs Samples Delivered to: Mitkem Time shipped: 17:00 Date: 5/30/2007 **COMMENTS:**

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FIELD SAMPLING DATA SHEET

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Consulting E	ngineers					
SITE: 36 Elm Si CLIENT: City of Gi Weather Conditions:	ens Falls		SAMPLE LOCATION JOB #: 1032.001 Temp: 70's F		B&L-7	
SAMPLE TYPE:	Groundwater Sediment	X	Surface Water Leachate		Other (specify):	
WATER LEVEL DATA	4			- ;:.	· —	
Static Water Level (fer Measured Well Depth Well Casing Diameter Volume in Well Casing *depth fro	(feet)*: (inches):		3.19 ⁶ 9.65 1 0.25	Other Measi	uring Point: Top of Riser (specify):ured by: JGH/SMQ 14:30 Date:5/30/07	X
PURGING METHOD Equipment:	Bailer Bladder Pump <i>Dedicated</i>	X	Submersible Pump Foot Valve Non-dedicated	 X	Air Lift System Peristaltic Pump	
Volume of Water Purg	ped (gallons): <u>G</u> Did well purge dry? Did well recover?	7. <i>75</i> No X No _] Yes	X	Recovery time: <1 min	
SAMPLING METHOD Equipment:	Bailer Bladder Pump <i>Dedicated</i>	X	Submersible Pump Foot Valve Non-dedicated		Air Lift System Peristaltic Pump	[:
Sampled by: JGH/SM	Q	Time:	14:50	Date:	5/30/2007	
Odor: None	udy brown	•	Sediment: Little (-) fil	nes		
Field Measured Parar pH (Standard Units)	neters 6.76		Sp. Conductivity (um	hos/cm)	0.784/0.600	
Temperature (C)	12.6		Eh-Redox Potential (mV)	-244.4	
Turbidity (NTUs) Samples Collected (N (2) VOCs, (2) SVOCs			Dissolved Oxygen (m	ng/L)	8.52	
Samples Delivered to	: Mitkem		Time shippe	d: <u>17:00</u>	Date: 5/30/20	07
COMMENTS:						