CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER B-37-07

LOCATION: Schenectady, NY, New York
CLIENT: SI Group
CONTRACTOR: Aquifer Drilling and Testing
DRILLER: R. Buley | INSPECTOR: S. Newell
START DATE and TIME: 10/26/2007
FINISH DATE and TIME: 10/26/2007
SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-26-07	00:00	10		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	DEPTH (Feet)	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
					0	**ASPHALT**, **(ASPHALT)**			
			0.0			**f.c. GRAVEL**, some f.m.c. Sand, loose, dry, no staining, no odor. **(FILL)**			
S-1	1	1				**f. SAND and SILT**, some Stones, brown, loose, dry, no staining, no odor. **(FILL)**			
			0.0		2			RFC sample collected from 2' to 4' at 08:30	
S-2	2	0.7	74.5	23		**FILL**, f. Sand and Silt, some Stones, brown, loose, dry, black staining, no odor. **(FILL)**			
					4	**FILL**, No Recovery (4' to 6') **(FILL)**			
S-3	2	0		8					
			0.0		6	**FILL**, concrete chunks, stones, loose, dry, no staining, slight odor. **(FILL)**			
S-4	2	0.5		47					
			0.0		8	**FILL**, yellow crystalline material, loose, moist to wet, no staining, strong chemical odor. **(FILL)**		RFC sample collected from 8' to 10' at 08:40	
S-5	2	0.5		10					
			3.5		10	**FILL**, f.m. Gravel and f.m. Sand, small yellow crystalline chunks, loose, very wet, no staining, slight odor. **(FILL)**		RFC sample collected from 10' to 12' at 08:50	▽
S-6	2	0.2		8					
			2.9		12	**f. SAND and SILT**, brown, m. compact, wet, some black staining, slight odor. **(ML/SM)**			
S-7	2	0.5		8					
					14	No Recovery (14' to 16')			
S-8	2	0		13					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

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SUBSURFACE LOG
HOLE NUMBER B-37-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			2.0					**f. SAND**, some Silt, brown, loose, wet, no staining, very slight odor. **(SP)**			
S-9	2	0.1		8							
			1.2			18					
S-10	2	0.3		11							
			0.3			20					
S-11	2	1.4		6				**f. SAND**, grades to gray and no odor. **(SP)**			
			0.1			22					
S-12	2	1		13							
			0.0			24					
S-13	2	1.4		13							
			0.0			26					
S-14	2	1.5		14							
			0.0			28					
S-15	2	1.5		9				**f. SAND and SILT**, gray, m. compact, wet, no staining, no odor. **(ML/SM)**			
						30		End of Boring at 30 ft			
						32					
						34					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-01-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: E. Plank | INSPECTOR: S. Newell

START DATE and TIME: 10/10/2007

FINISH DATE and TIME: 10/10/2007

SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-10-07	00:00	10		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT, Asphalt **(FILL)**			
								FILL, f.m.c. Gravel and Sand, dry, no odor, no staining. **(FILL)**			
								f.m. SAND, brown, m. compact, moist, no odor, no staining. **(SP)**			
S-1	5	4	0.0			2					
						4		No Recovery (4' to 5')			
								f.m. SAND, brown, m. compact, moist, no odor, no staining. **(SP)**			
S-2	5	3.8	0.0			6					
						8		**SILT**, brown, m. compact, moist, no odor, no staining. **(ML)**			
								No Recovery (8.8' to 10')			
						10		**SILT**, brown, m. compact, moist, no odor, no staining. **(ML)**		RFC soil sample collected from 9.5' to 10' at 08:10	▽
S-3	5	5	0.0			12					
						14					

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CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-01-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						16		**SILT**, brown, m. compact, moist, no odor, no staining. **(ML)** *(continued)*			
								SILT, grades to gray **(ML)**			
S-4	5	5	0.0			18		**f. SAND and SILT**, gray, loose, wet, no odor, no staining. **(ML/SM)**			
								SILT, trace sand, gray, m. compact, wet, no odor, no staining. **(ML)**			
						20		**f. SAND**, gray f. sand, trace silt, loose, wet, no odor, no staining. **(SP)**			
								SILT, gray silt, m. compact, wet, no odor, no staining. **(ML)**			
								f.m. SAND, gray f.m. sand, loose, moist, no odor, no staining. **(SP)**			
S-5	5	5	0.0			22				RFC and STL soil sample collected from 22' to 23' at 08:00	
								f. SAND and SILT, gray, loose, wet, no odor, no staining. **(ML/SM)**			
						24		**f. SAND**, gray, loose, wet, no odor, no staining. **(SP)**			
								f.m. SAND, gray/brown, loose, wet, no odor, no staining. **(SP)**			
						26				STL groundwater sample collected from 26' to 30' at 08:30	
S-6	5	5	0.0					**SILT**, gray, loose, wet, no odor, no staining. **(ML)**			
						28					
								f.m. SAND, gray/brown, loose, wet, no odor, no staining. **(SP)**			
						30		End of Boring at 30 ft			
						32					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-08-07

LOCATION: Schenectady, NY, New York
CLIENT: SI Group
CONTRACTOR: Zebra Environmental Corp.
DRILLER: E. Plank | INSPECTOR: S. Newell
START DATE and TIME: 10/11/2007
FINISH DATE and TIME: 10/11/2007
SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-12-07	00:00	11		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			12.2					**TOPSOIL**, some stone/fill, loose, dry, slight odor. **(TOPSOIL)**			
			80.2					**f.m. SAND**, brown, m. compact, moist, strong odor. Black staining from 0.8 to 1.1. **(SP)**			
			332					**SILT**, trace f. sand, trace clay, gray, m. stiff, moist, petroleum odor. **(ML)**			
S-1	5	3.3				2					
								No Recovery (3.3' to 5')			
						4				RFC soil sample collected from 4.5' to 5' at 07:55	
			1102					**SILT**, trace f. sand, trace clay, gray, stiff, moist, petroleum odor, sheen. **(ML)**		RFC and STL soil sample collected from 5' to 6' at 08:00	
						6					
S-2	5	4.8				8					
			348								
			41.6			10		**SILT**, trace clay, gray, wet, stiff, petroleum odor, sheen. **(ML)**			▽
			32.1					**f. SAND**, some Silt, brown, wet, loose, slight odor, sheen. **(SP)**			
S-3	5	5				12					
			32.1					**f. SAND**, brown, wet, compact, slight odor, sheen. **(SP)**			
			15.2			14		**SILT and CLAY**, some f. Sand, brown, wet, stiff, slight odor, sheen. **(ML/CL)**			
								SILT, trace sand, gray, compact, wet, slight			

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CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-08-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			11.2					odor, sheen. **(ML)**			
			13.9					**f. SAND**, brown, loose, very wet, no odor, no staining. **(SP)**			
						16					
S-4	5	5									
			6.7			18		**f.m. SAND**, brown/gray, compact, moist, no odor, no staining. **(SP)**			
			0.0			20		**f. SAND**, trace silt, brown, compact, wet, no odor, no staining. **(SP)**			
						22				STL groundwater sample collected from 22' to 24' at 08:30	
S-5	5	5									
						24		**f. SAND and SILT** brown, loose, wet, no odor, no staining. **(ML/SM)**			
								f. SAND, brown, very compact, moist, no odor, no staining. **(SP)**			
			0.0					**f. SAND**, trace silt, brown, compact, moist, no odor, no staining. **(SP)**			
						26					
S-6	5	5									
						28					
						30		End of Boring at 30 ft			
						32					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-09-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: K. Shoen | INSPECTOR: S. Newell

START DATE and TIME: 10/15/2007

FINISH DATE and TIME: 10/15/2007

SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-15-07	00:00	12.3		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**CONCRETE, (FILL)**			
			6.7					**f. SAND and SILT**, dark brown, loose, moist, no odor, no staining. **(ML/SM)**			
S-1	5	3.7	0.0			2		**f.m. SAND**, trace silt, brown, compact, moist, no odor, no staining. **(SP)**			
			0.0					**SILT**, some f. Sand, trace clay, brown, m. stiff, moist, mottled, no odor, no staining. 0.0 ppm **(ML)**			
						4		**f. SAND**, some Silt, brown, m. compact, moist, no odor, no staining. **(SP)** No Recovery (3.7' to 5')		RFC soil sample collected from 3' to 3/7' at 07:35	
			61.2			6		**f. SAND**, some Silt, brown, m. compact, moist, slight odor, no staining. **(SP)**			
S-2	5	5				8				RFC soil sample collected from 7.7' to 8.3' at 07:45	
			52.3					**f. SAND**, some Clay, brown, compact, strong odor, no staining. **(SP)**			
			48.4					**f. SAND**, some Silt, brown, m. compact, moist, strong odor, no staining. **(SP)**		RFC and STL soil sample collected from 9' to 10' at 07:50	
			0.0			10		**f.m. SAND**, brown, m. compact, moist, no odor, no staining. **(SP)**			
								f. SAND and SILT, brown, m. compact, moist, no odor, no staining. **(ML/SM)**		RFC soil sample collected from 11' at 08:00	
						12		**f. SAND**, trace silt, brown, compact, wet, no odor, no staining. **(SP)**			▽
S-3	5	5									
						14		**f. SAND**, trace clay, gray, very compact, wet, no odor, no staining. **(SP)**			

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CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-09-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		**f. SAND**, trace silt, gray, loose, very wet, no odor, no staining. **(SP)**		STL groundwater sample collected from 15' to 17' at 08:00	
S-4	5	5				18					
								f. SAND and SILT, gray, m. compact, moist, no odor, no staining. **(ML/SM)**			
			0.0			20		**f. SAND**, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
S-5	5	5				22					
						24		**f. SAND and SILT**, gray, m. compact, moist, no odor, no staining. **(ML/SM)**			
								f. SAND, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
			0.0					**f. SAND and SILT**, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
						26		**f. SAND**, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
S-6	5	5				28					
								f. SAND and SILT, gray, wet, no odor, no staining. **(ML/SM)**			
						30		End of Boring at 30 ft			
						32					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-12-07

LOCATION: Schenectady, NY, New York
CLIENT: SI Group
CONTRACTOR: Zebra Environmental Corp.
DRILLER: K. Shoen | INSPECTOR: S. Newell
START DATE and TIME: 10/15/2007
FINISH DATE and TIME: 10/15/2007
SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-15-07	00:00	5.7		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, **(FILL)**			
								f. SAND and SILT, brown, loose, moist, no odor, no staining. **(ML/SM)**			
								SILT, some f. Sand, trace clay, m. stiff, brown, moist, no odor, no staining. **(ML)**			
						2					
S-1	5	3.3								RFC soil sample collected from 2' at 09:25	
								No Recovery (3.3' to 5')			
						4					
								SILT, some f. Sand, trace clay, m. stiff, brown, moist, no odor, no staining. **(ML)**		RFC soil sample collected from 5' to 5.5' at 09:30	▽
						6		**f.m. SAND**, brown, wet, no odor, no staining. **(SP)**			
S-2	5	4.6									
						8		**f. SAND and SILT**, trace clay, gray/brown, m. compact, wet, no odor, no staining. **(ML/SM)**			
								No Recovery (8.3' to 10')			
			0.0			10		**f. SAND**, some Silt, gray, loose, wet, no odor, no staining. Some very thin silt layers present. **(ML/SM)**			
						12		**f. SAND and SILT**, gray, m. compact, wet, no odor, no staining. **(SP)**			
S-3	5	5									
						14		**f. SAND**, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

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Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-12-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		**f. SAND**, some Silt, gray, loose, wet, no odor, no staining. **(SP)**			
S-4	5	5				18					
								f. SAND and SILT, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
								f. SAND, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
			0.0			20					
						22		**f. SAND and SILT**, gray, m. compact, moist, no odor, no staining. **(ML/SM)**			
S-5	5	5						**CLAY and SILT**, gray, stiff, wet, no odor, no staining. **(CL/ML)**			
								f. SAND and SILT, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
						24		**CLAY and SILT**, gray, stiff, wet, no odor, no staining. **(CL/ML)**			
			0.0					**f. SAND and SILT**, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
								f. SAND, gray, loose, wet, no odor, no staining. **(SP)**			
						26					
S-6	5	5				28				STL groundwater samply collected from 28' to 30' at 09:55	
								f. SAND and SILT, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
								f. SAND, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
			0.0			30		No Recovery (30' to 35')			
						32					
S-7	5	0									

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-12-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						34		No Recovery (30' to 35') *(continued)*		STL groundwater samply collected from 33' to 35' at 10:40	
								End of Boring at 35 ft			
						36					
						38					
						40					
						42					
						44					
						46					
						48					
						50					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-14-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: E. Plank | INSPECTOR: S. Newell

START DATE and TIME: 10/12/2007

FINISH DATE and TIME: 10/12/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-12-07	00:00	12.5		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**FILL**, f.m. Gravel and f.m.c. Sand, trace brick fragments, concrete, dry, no odor, no staining. 0.0 ppm **(FILL)**			
						2		**FILL**, f.m. Sand and Silt, gray, loose, moist, strong odor, no staining. 119 ppm **(FILL)**			
S-1	5	2.8						No Recovery (2.8' to 5')			
						4					
			160					**FILL**, f. Sand and Silt, gray, compact, strong chemical odor, no staining. 160 ppm **(FILL)**		RFC soil sample collected from 5' at 11:15	
						6					
			511 522					**FILL**, f.m. Sand, brown, compact, moist, strong odor, no staining. 511 ppm **(FILL)**		RFC and STL soil sample collected from 6.9' to 7.3' at 11:20	
S-2	5	2.3						**FILL**, cardboard, sand, carpet fragments, yellow solid cystalline material, strong odor, no staining. Bottom was plugged with carpet. 522 ppm **(FILL)**			
						8		No Recovery (7.3' to 10')			
			4			10		**FILL**, f. Sand and Silt, carpet pieces, brown, compact, moist, slight odor, no staining. 4.0 ppm **(FILL)**			
								No Recovery (11.5' to 15')			
						12					
S-3	5	1.5								STL groundwater sample collected from 13' to 15' at 11:30	▽
						14					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-14-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		**f. SAND**, trace silt, brown, loose, wet, no odor, no staining. 0.0 ppm **(SP)**			
								f. SAND and SILT brown, m. compact, wet, no odor, no staining. 0.0 ppm **(ML/SM)**			
S-4	5	5				18					
								f. SAND, trace silt, brown, loose, wet, no odor, no staining. 0.0 ppm **(SP)**			
			0.0			20		**f. SAND and SILT** brown, m. compact, wet, no odor, no staining. 0.0 ppm **(ML/SM)**			
S-5	5	5				22					
						24					
			0.0					**f. SAND**, trace silt, brown, loose, wet, no odor, no staining. 0.0 ppm **(SP)**			
S-6	5	5				26					
						28					
						30		End of Boring at 30 ft			
						32					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-16-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: E. Plank | INSPECTOR: S. Newell

START DATE and TIME: 10/12/2007

FINISH DATE and TIME: 10/12/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-12-07	00:00	9.4		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			0		**FILL**, Crushed Stone and Rubble, loose, dry, no odor, no staining. **(FILL)**			
S-1	5	3.5				2		**FILL**, f.m. Sand and Silt, black, loose, dry, no odor, no staining. **(FILL)** **FILL**, Wood, Brick, some Stones, loose, dry, no odor, no staining. **(FILL)** **FILL**, f. Sand and m.c. Gravel, black, loose, dry, organic smell, no staining. **(FILL)** No Recovery (3.5' to 5')			
			0.0			4		**FILL**, f. Sand, trace f.m. gravel, fibers, brown, loose, dry/moist, organic odor, no staining. Peat layer from 7' to 7.1'. **(FILL)**		RFC soil sample collected from 5' at 13:40	
S-2	5	4.1				6					
						8		**FILL**, Silt, trace f. sand, brown, loose, dry/moist, organic odor, no staining. **(FILL)** **FILL**, f.m. Sand, trace silt, brown, loose, dry/moist, organic odor, no staining. **(FILL)**		RFC and soil sample collected from 9' to 10' at 13:45	▽
			0.0			10		**FILL**, f.m. Sand and Silt, some Brick fragments, trace rock/stone, trace f.m.c gravel, loose, dry/moist, no odor, no staining. **(FILL)** No Recovery (11.5' to 15')			
S-3	5	1.5				12				STL groundwater sample collected from 13' to 15' at 14:00	
						14					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-16-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		No Recovery (15' to 20')			
S-4	5	0				18					
			0.0			20		No Recovery (20' to 25')			
S-5	5	0				22					
			0.0			24		No Recovery (25' to 30')			
S-6	5	0				26					
						28					
						30		End of Boring at 30 ft			
						32					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-17-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: E. Plank | INSPECTOR: S. Newell

START DATE and TIME: 10/12/2007

FINISH DATE and TIME: 10/12/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**CONCRETE**, Concrete **(FILL)**			
								FILL, Silt, trace f.m. sand, brown, loose, dry, no odor, no staining. **(FILL)**			
						2		**FILL**, Cinders and Ash, trace concrete chunks, no odor, no staining. **(FILL)**			
S-1	5	2.7						No Recovery (2.7' to 5')			
						4				RFC soil sample collected from 4' to 5.5' at 09:35	
			0.0					**FILL**, f.m.c. Sand and f.m. Gravel, trace brick fragments, ash and cinders, silt, brown, loose, no odor, no staining. **(FILL)**			
						6					
								No Recovery (7' to 10')			
S-2	5	2				8					
			0.0			10		**FILL**, f.m.c. Sand and f.m. Gravel, trace brick fragments, ash and cinders, rusted metal shards, silt, brown, loose, no odor, no staining. **(FILL)**		RFC soil sample collected from 10' to 10.7' at 09:50	
								No Recovery (10.7' to 15')			
						12					
S-3	5	0.7									
						14					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-17-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		No Recovery (15' to 19')		No recovery from 15' to 19' is based on an encountered void. Drillers pushed through approximately 1' of material at bottom of 15' to 20' sample.	
S-4	5	1				18					
			0.0					**FILL**, f.m.c. Sand and f.m. Gravel, trace brick fragments, ash and cinders, rusted metal shards, silt, brown, loose, no odor, no staining. **(FILL)**		RFC and STL soil sample collected from 19' to 20' at 10:00	
			0.0			20		No Recovery (20' to 25')			
						22					
S-5	5	0				24					
								End of Boring at 25 ft			
						26					
						28					
						30					
						32					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-18-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: E. Plank | INSPECTOR: S. Newell

START DATE and TIME: 10/12/2007

FINISH DATE and TIME: 10/12/2007

SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-12-07	00:00	12.9		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**CONCRETE**, Concrete **(FILL)**			
								f.m. SAND, some Silt, trace organics, brown, dry, no odor, no staining. **(SP)**			
								f. SAND and SILT, brown, loose, dry, no odor, no staining. **(ML/SM)**			
S-1	5	3				2				RFC soil sample collected from 2' at 07:40	
								No Recovery			
						4					
			0.0					**f.m. SAND**, trace silt, brown, moist, slight odor, no staining. **(SP)**			
								f. SAND and SILT, brown, moist, no odor, no staining. **(ML/SM)**			
						6		**f. SAND**, trace silt, brown, moist, no odor, no staining. **(SP)**			
S-2	5	4.2								RFC and STL soil sample collected from 7' at 07:45	
						8		**f. SAND and SILT**, brown, moist, no odor, no staining. **(ML/SM)**			
								f. SAND, trace silt, brown, moist, no odor, no staining. **(SP)**			
								No Recovery			
			0.0			10		**f. SAND**, trace silt, gray, moist, no odor, no staining. **(SP)**			
								SILT, some f. Sand, gray, loose, wet, no odor, no staining. **(ML)**		RFC and STL soil sample collected from 11' to 13' at 09:00	
S-3	5	5				12					▽
						14		**f. SAND and SILT**, gray, moist, no odor, no staining. Black organic layer at 14'. **(ML/SM)**			
								f. SAND, trace silt, gray, wet, no odor, no staining. **(SP)**			

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-18-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		**f. SAND**, trace silt, gray, wet, no odor, no staining. **(SP)** *(continued)*			
S-4	5	5				18		**f. SAND and SILT**, gray, moist, no odor, no staining. Black organic layer at 14'. **(ML/SM)**			
			0.0			20		**f. SAND**, trace silt, gray, wet, no odor, no staining. **(SP)**			
						22		**f. SAND and SILT**, gray, moist, no odor, no staining. Black organic layer at 14'. **(ML/SM)**			
S-5	5	5						**CLAY and SILT**, gray, wet, no odor, no staining. **(CL/ML)**			
								f. SAND and SILT, gray, loose, wet, no odor, no staining. **(ML/SM)**			
						24		**SILT**, some f. Sand, gray, loose, wet, no odor, no staining. **(ML)**			
			0.0					**f. SAND**, trace silt, gray, wet, no odor, no staining. **(SP)**			
						26					
S-6	5	4				28					
								No Recovery			
						30		End of Boring at 30 ft			
						32					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-19-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: E. Plank | INSPECTOR: S. Newell

START DATE and TIME: 10/11/2007

FINISH DATE and TIME: 10/11/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-11-07	00:00	13.1		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						0		**CONCRETE**, Concrete **(FILL)**			
								f.c. GRAVEL, dry, no odor, no staining. **(GP)**			
								f.m. SAND, trace gravel, brown, loose, moist, no odor, no staining. **(SP)**			
S-1	5	4	0.0			2		**SILT**, some Sand, brown, m. compact, moist, no odor, no staining. **(ML)**		RFC soil sample collected at 2' at 14:45	
						4		**f. SAND**, trace silt, brown, loose, moist, no odor, no staining. **(SP)** No Recovery (4' to 5')			
								SILT, some Sand, brown, m. compact, moist, no odor, no staining. **(ML)**		RFC and STL soil sample collected at 5' at 14:55	
						6		**SILT**, trace f. sand, gray, m. compact, moist, no odor, no staining. **(ML)**			
S-2	5	3.8	0.0					**f.m. SAND**, brown, moist, m. compact, slight odor, no staining. **(SP)**			
						8		**f.m. SAND**, some Silt, trace clay, brown, m. compact, moist, slight odor, no staining. **(SP)**		RFC soil sample collected at 8' at 15:00	
								f. SAND, trace silt, brown, m. compact, moist, no odor, no staining. **(SP)** No Recovery (8.8' to 10')			
			23			10		**f. SAND**, gray, loose, wet, strong odor, no staining. **(SP)**		RFC and STL soil sample collected from 10' to 11' at 15:15	
S-3	5	5	0.0			12		**f. SAND and SILT** gray, loose, wet, no odor, no staining. **(ML/SM)**			
								f. SAND, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			▽
						14					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-19-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						16		**f. SAND**, trace silt, gray, loose, wet, no odor, no staining. **(SP)** *(continued)*			
S-4	5	5	0.0			18					
						20					
						22		**CLAY and SILT**, gray, stiff, wet, no odor, no staining. **(CL/ML)**			
S-5	5	5	0.0			24		**f. SAND**, trace silt, gray, m. compact, wet, no odor, no staining. **(SP)**			
						26		**f. SAND and SILT**, gray, loose, wet, no odor, no staining. **(ML/SM)**			
S-6	5	5	0.0			28		**f. SAND**, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
						30		**f.m. SAND**, gray, m. compact, wet, no odor, no staining. **(SP)**			
						32		End of Boring at 30 ft			

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-23-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: E. Plank | INSPECTOR: S. Newell

START DATE and TIME: 10/11/2007

FINISH DATE and TIME: 10/11/2007

SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-11-07	00:00	11.9		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						0		**ASPHALT**, **(FILL)**			
								f.m. SAND, trace silt, brown, m. compact, moist, slight odor. **(SP)**		RFC soil sample collected from 0.8' to 1.3' at 09:55	
			9.4					**SILT**, trace f. sand, gray, stiff, moist, slight odor. **(ML)**			
S-1	5	3.6				2					
								No Recovery (3.6' to 5')			
						4					
			62.7					**SILT**, brown, compact, moist, petroleum odor. Black staining from 7.6 to 7.9. **(ML)**		RFC soil sample collected from 4.5' to 5' at 10:00	
						6				RFC and STL soil sample collected from 6' to 7' at 10:05	
S-2	5	5									
						8					
			711					**f.m. SAND**, brown, compact, moist, strong odor. **(SP)**		RFC soil sample collected from 9.3' to 10' at 10:10	
			2.2			10		**f. SAND**, some Silt, brown, wet, loose, strong odor, sheen. **(SP)**			▽
						12					
S-3	5	5									
			5.7					**f. SAND**, brown, wet, compact, slight odor, sheen, black staining. Thin clay lense from 14.2 to 14.3. **(SP)**			
						14					
			3.8					**f. SAND and SILT**, brown, loose, wet, slight			

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-23-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			2.6			16		odor, no staining. **(ML/SM)** **f. SAND**, trace silt, brown, loose, very wet, no odor, no staining, slight sheen. **(SP)**			
S-4	5	5				18					
			2.6					**f. SAND and SILT**, brown, compact, wet, slight odor, no staining, slight sheen. **(ML/SM)**			
			0.0			20		**f. SAND**, trace silt, brown, compact, wet, no odor, no staining. **(SP)**			
S-5	5	5				22				STL groundwater sample collected from 23' to 25' at 10:20	
						24		**f. SAND**, brown, very compact, moist, no odor, no staining. **(SP)**			
			0.0					**f. SAND and SILT**, brown, compact, moist, no odor, no staining. **(ML/SM)**			
								f. SAND, trace silt, brown, loose, moist, no odor, no staining. **(SP)**			
S-6	5	4				26					
						28					
								No Recovery (29' to 30')			
						30		End of Boring at 30 ft			
						32					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-24-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: E. Plank | INSPECTOR: S. Newell

START DATE and TIME: 10/11/2007

FINISH DATE and TIME: 10/11/2007

SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-11-07	00:00	11.6		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**CONCRETE**, Concrete **(FILL)**			
								f. SAND, trace silt, brown, moist, no odor, no staining. **(SP)**			
						2		**f. SAND and SILT**, brown, moist, no odor, no staining. **(ML/SM)**			
S-1	5	3.8						**f. SAND**, trace silt, brown, moist, no odor, no staining. **(SP)**		RFC soil sample collected from 2' at 12:35	
						4		No Recovery (3.8' to 5')			
			0.0					**f. SAND and SILT**, brown, moist, no odor, no staining. **(ML/SM)**			
						6					
S-2	5	5	4.0			8		**f. SAND**, trace silt, brown, moist, slight odor, no staining. **(SP)**		RFC soil sample collected from 8' at 12:45	
								SILT, trace sand, trace clay, brown, compact, moist, no odor, no staining. **(ML)**			
								f.m. SAND, gray, compact, moist, slight odor, no staining. **(SP)**			
			0.0			10		**f. SAND and SILT**, gray, compact, wet, no odor, no staining. **(ML/SM)**			▽
						12					
S-3	5	5						**f. SAND**, gray, compact, wet, no odor, no staining. Thin clayey silt lense from 13.8 to 13.9. **(SP)**			
						14					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-24-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		**f. SAND**, trace silt, gray, loose, very wet, no odor, no staining. **(SP)**			
S-4	5	5				18					
								f. SAND and SILT, gray, compact, wet, slight odor, no staining, slight sheen. **(ML/SM)**			
			0.0			20		**f. SAND**, trace silt, gray, compact, wet, no odor, no staining. **(SP)**			
S-5	5	5				22					
						24		**f. SAND and SILT**, gray, compact, wet, no odor, no staining. **(ML/SM)**			
			0.0					**f. SAND**, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
S-6	5	5				26					
						28				STL groundwater sample collected from 28' to 10' at 13:10	
			0.0			30					
S-7	5	3				32					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-24-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						34		No Recovery (33' to 35') *(continued)*			
								End of Boring at 33 ft			
						36					
						38					
						40					
						42					
						44					
						46					
						48					
						50					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-29-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Zebra Environmental Corp.

DRILLER: K. Shoen | INSPECTOR: S. Newell

START DATE and TIME: 10/15/2007

FINISH DATE and TIME: 10/15/2007

SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-15-07	00:00	10.6		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**TOPSOIL**, Topsoil and organics. **(TOPSOIL)**			
			0.0					**CONCRETE**, Concrete **(FILL)**			
			>9999					**FILL**, Stones, some Silt, some Organics, trace f.m. sand. **(FILL)**		RFC soil sample collected from 0.7' to 1.5' at 12:55	
			4800					**FILL**, Ash, f.m. Gravel, trace glass, trace silt, strong odor, pink staining from 1.1 to 1.4. **(FILL)**			
S-1	5	4				2		**SILT**, trace f. sand, trace clay, brown mottled, moist, strong odor, no staining. **(ML)**		RFC and STL soil sample collected from 3' to 4' at 13:00	
						4					
			2100								
			1840			6		**f.m. SAND**, trace silt, brown, wet, strong odor, no staining. **(SP)**			
			1212					**SILT**, some f. Sand, brown, wet, strong odor, no staining. **(ML)**			
S-2	5	4.5	834			8		**f. SAND and SILT**, brown, wet, strong odor, no staining. **(ML/SM)**			
			10					**f.m. SAND**, trace silt, brown, wet, strong odor, black staining. **(SP)**		RFC soil sample collected from 9' to 10' at 13:20	
			10.8			10		**f. SAND and SILT**, brown, wet, strong odor, black staining. **(SP)**			▽
			0.0					**SILT**, some f. Sand, brown, wet, slight odor, no staining. **(ML)**			
						12					
S-3	5	5						**f. SAND**, trace silt, gray, wet, slight odor, no staining. **(SP)**			
						14					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-29-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		**f. SAND**, trace silt, gray, wet, slight odor, no staining. **(SP)** *(continued)*			
								SILT, trace clay, gray, wet, no odor, no staining. **(ML)**			
S-4	5	5				18		**f. SAND**, trace silt, gray, wet, no odor, no staining. **(SP)**			
			0.0			20		**CLAY and SILT**, trace f. sand, gray, wet, very slight odor, no staining. **(ML/CL)**			
								f. SAND and SILT, gray, dense, wet, no odor, no staining. **(ML/SM)**			
S-5	5	5				22					
						24		**f. SAND**, trace silt, gray, wet, no odor, no staining. **(SP)**			
			0.0			26					
S-6	5	5				28					
						30				STL groundwater sample collected from 30' to 32' at 13:40	
						32		**CLAY and SILT**, some f. Sand, gray, wet, no odor, no staining. **(ML/CL)**			

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-29-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						34		**CLAY and SILT**, some f. Sand, gray, wet, no odor, no staining. **(ML/CL)** *(continued)*			
								End of Boring at 35 ft			
						36					
						38					
						40					
						42					
						44					
						46					
						48					
						50					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-33-07

LOCATION: Schenectady, NY, New York
CLIENT: SI Group
CONTRACTOR: Zebra Environmental Corp.
DRILLER: K. Shoen | INSPECTOR: S. Newell
START DATE and TIME: 10/15/2007
FINISH DATE and TIME: 10/15/2007
SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Geoprobe

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**FILL**, Stones, f.m Gravel and f.m.c. Sand, silt, dry, no odor, no staining. **(FILL)**			
						2					
S-1	5	3.4						**FILL**, trace silt, brown, dry, no odor, no staining. **(FILL)**			
								No Recovery (3.4' to 5')		RFC soil sample collected from 3' to 3.4' at 15:20	
						4					
			0.0					**FILL**, f.m.c. Sand, trace silt, ash, brick, stone, dry, no odor, no staining. **(FILL)**			
						6					
								FILL, f. Sand, trace organics, trace clay, brick fragments, trace ash, moist, no odor, no staining. **(FILL)**			
S-2	5	4									
						8		**FILL**, some f. Sand, trace organics, gray, moist, no odor, no staining. **(FILL)**			
			0.0			10				RFC and STL soil sample collected from 10' to 11' at 15:30	
								FILL, Ash, glass and brick, some Organics, trace rusted metal, trace nails, trace sand and silt, very moist, no odor, no staining. **(FILL)**			
						12		**FILL**, trace organics, gray, wet, no odor, no staining. **(FILL)**			
S-3	5	3						No Recovery (13' to 15')			
						14					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER GP-33-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			16		**FILL**, trace organics, gray, wet, no odor, no staining. **(FILL)**			
S-4	5	2	1161			18		**FILL**, fabric, metal, yellow powder and crystalline material, ash, brick, black taffy-like material, strong odor, black staining. **(FILL)** No Recovery (17' to 20')		RFC and STL soil sample collected from 16.5' to 17' at 15:40	
						20		End of Boring at 20 ft			
						22					
						24					
						26					
						28					
						30					
						32					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW15A/B-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Aquifer Drilling and Testing

DRILLER: R. Buley | INSPECTOR: S. Newell

START DATE and TIME: 10/22/2007

FINISH DATE and TIME: 10/22/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-22-07	00:00	12		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, **(CONCRETE)**			
			0.0					**FILL**, f.m. Gravel and f.m.c. Sand, trace silt, trace stones, moist, loose, no odor. **(FILL)**			
S-1	1	1									
			0.0			2		**FILL**, m.c. Sand and trace f. Gravel, trace brick fragments, moist, loose, no odor. **(FILL)**		RFC sample collected from 2' to 4' at 12:00	
S-2	2	1		11							
			0.0			4					
S-3	2	1		13							
			0.0			6		**m.c. SAND**, trace silt, brown, loose, moist, no odor, no staining. **(SP)**		RFC sample collected from 4' to 6' at 12:10	
S-4	2	1.2		8							
			0.0			8					
S-5	2	1.3		5				**SILT**, some f. Sand, brown, m. compact, moist, no odor, no staining. **(ML)**			
			0.0			10		**f.m. SAND and SILT**, brown, loose, moist, no odor, no staining. **(ML/SM)**		STL and RFC samples collected from 10' to 12' at 12:20	
S-6	2	1.2		10				**SILT**, some f. Sand, brown, m. compact, moist to wet, no odor, no staining. **(ML)**			
			0.0			12		**f. SAND and SILT**, brown, m. compact, wet, no odor, no staining. **(ML/SM)**			▽
S-7	2	1.5		8							
			0.0			14					
S-8	2	1.5		9							

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW15A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**f. SAND and SILT**, brown, m. compact, wet, no odor, no staining. **(ML/SM)** *(continued)*			
S-9	2	1.5		9							
			0.0			18					
S-10	2	1.5		14				**SILT**, some f. Sand, interbedded brown and gray, m. compact, wet, no odor, no staining. **(ML)**			
			0.0			20					
S-11	2	1.5		8							
			0.0			22					
S-12	2	1		6							
			0.0			24					
S-13	2	1.5		8							
			0.0			26		**f.m. SAND**, some Silt, gray, loose, wet, no odor, no staining. **(SP)**			
S-14	2	2		11				**SILT**, some f. Sand, gray, m. compact, wet, no odor, no staining. **(ML)**			
			0.0			28		**f.m. SAND**, some Silt, gray, m. compact, wet, no odor, no staining. **(SP)**			
S-15	2	0		17							
			0.0			30					
S-16	2	1		21							
			0.0			32					
S-17	2	1		22							
			0.0			34		**f.m. SAND**, trace silt, gray, compact, wet, no odor, no staining. **(SP)**			
S-18	2	1		32							

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW15A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			36		**f.m. SAND**, trace silt, gray, compact, wet, no odor, no staining. **(SP)** *(continued)*			
S-19	2	1.5		16				**f. SAND and SILT**, gray, compact, wet, no odor, no staining. **(ML/SM)**			
			0.0			38		**f.m. SAND**, some silt, gray, compact, wet, no odor, no staining. **(SP)**			
S-20	2	1.5		19							
						40		End of Boring at 40 ft			
						42					
						44					
						46					
						48					
						50					
						52					
						54					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW16A/B-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Aquifer Drilling and Testing

DRILLER: R. Buley | INSPECTOR: S. Newell

START DATE and TIME: 10/23/2007

FINISH DATE and TIME: 10/31/2007

SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-23-07	00:00	10		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, **(CONCRETE)**		Drilling from 0' to 18' performed on 10/23/2007	
			0.0					**FILL**, f.m. Sand and Silt, trace stones, brown, loose, dry, no staining, no odor. **(FILL)**			
S-1	1	1									
			0.0			2		**FILL**, f.m.c. Gravel, m.c. Sand and Silt, brown, loose, moist, no odor, no staining. **(FILL)**			
S-2	2	1		16				**SILT**, some f.m. Sand, brown, m. compact, moist, no odor, no staining. **(ML)**			
			96.0			4					
								SILT, some f. Sand, gray, moist, m. compact, solvent odor, no staining. **(ML)**			
S-3	2	1		4							
			144			6		**SILT**, some f. Sand, gray/brown mottled, m. compact, moist, solvent odor. **(ML)**		RFC sample collected from 6' to 8' at 13:45	
S-4	2	1.2		10							
			676 4014			8		**SILT**, some f. Sand, gray, m. compact, moist, solvent odor, no staining. Slight sheen at 8.25'. **(ML)**		RFC sample collected from 8' to 10' at 13:55	
S-5	2	1.3		4							
			2250			10		**f.m. SAND**, gray, loose, wet, solvent odor, black staining. **(SP)**		STL and RFC samples collected from 10' to 12' at 14:05	▽
S-6	2	1.2		2				**SILT**, some f. Sand, gray/brown mottled, m. compact, moist, solvent odor, no staining. **(ML)**			
			1912			12		**f.m. SAND**, trace silt, gray, loose, wet, solvent odor, no staining. **(SP)**			
S-7	2	1.5		4							
			65.7			14					
S-8	2	1.5		7							

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW16A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			65.9					**SILT**, some f. Sand, gray, m. compact, wet, slight odor, no staining. **(ML)**			
S-9	2	1.5		15				**f. SAND and SILT**, gray, loose, wet, slight odor, no staining . **(ML/SM)**			
			15.2			18				Drilling from 18' to 38' performed on 10/31/2007	
S-10	2	1.5		13							
			49.6			20					
S-11	2	1.5		14							
			17.6			22					
S-12	2	1	0.0	8				**SILT**, some f. Sand, gray, compact, moist, slight odor, no staining. **(ML)**			
			0.3			24					
			37.6					**f. SAND**, trace silt, gray, wet, m. compact, no staining, no odor. **(SP)**			
S-13	2	1.5		13							
			23.6			26					
			0.4								
S-14	2	2		21				**f. SAND and SILT**, gray, loose, wet, no odor, no staining. **(ML/SM)**			
			2.3			28		**f. SAND**, trace silt, gray, m. compact, wet, no odor, no staining. **(SP)**			
S-15	2	0		8							
			2.1			30					
S-16	2	1		21							
			1.6			32		**f. SAND and SILT**, gray, loose, wet, no odor, no staining. **(ML/SM)**			
S-17	2	1		10				**f. SAND**, trace silt, gray, m. compact, wet, no odor, no staining. **(SP)**			
			0.0			34		**CLAY and SILT**, gray, stiff, wet, no odor, no staining. **(CL/ML)**			
S-18	2	1		8							

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW16A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			36		**CLAY and SILT**, gray, stiff, wet, no odor, no staining. **(CL/ML)** *(continued)*			
S-19	2	1.5		6		38		End of Boring at 38 ft			
						40					
						42					
						44					
						46					
						48					
						50					
						52					
						54					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW17A/B-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Aquifer Drilling and Testing

DRILLER: R. Buley | INSPECTOR: S. Newell

START DATE and TIME: 10/24/2007

FINISH DATE and TIME: 11/1/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-24-07	00:00	10		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	DEPTH (Feet)	DESCRIPTION AND CLASSIFICATION	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						ASPHALT, **(ASPHALT)**	Drilling from 0' to 18' performed on 10/24/2007	
			0.0			**FILL**, c. Gravel and f.m.c. Sand, some Silt, brown, loose, wet, no odor, no staining. **(FILL)**		
S-1	1	1						
			0.0		2	**SILT**, trace f. sand, trace clay, brown, loose, moist, no odor, no staining. **(ML)**	RFC sample collected from 2' to 4' at 9:50	
S-2	2	1		16		**SILT**, trace f. sand, trace clay, gray, loose, moist, slight odor, black staining from 4' to 6', sheen from 4' to 6'. **(ML)**		
			230		4			
S-3	2	1		9				
			580		6	**SILT**, some f. Sand, gray, moist, m. compact, black staining, sheen, strong odor. **(ML)**	RFC sample collected from 6' to 8' at 9:55	
S-4	2	1.2		11				
			3285		8	**f.m. SAND**, gray, v. loose, moist, strong odor, black staining, sheen. **(SP)**	RFC sample collected from 8' to 10' at 10:00	
S-5	2	1.3		2				
			2810			**SILT**, some f. Sand, gray, loose, moist, strong odor, no staining. **(ML)**		▽
			1692		10		STL and RFC samples collected from 10' to 12' at 10:10	
S-6	2	1.2		4		**f.m. SAND**, trace silt, gray, loose, wet, slight odor, no staining, sheen. **(SP)**		
			1294		12			
S-7	2	1.5	234	4		**f. SAND and SILT**, brown, m. compact, wet, solvent odor, no staining. **(ML/SM)**		
			211		14	**f.m. SAND**, some Silt, gray, loose, wet, slight odor, no staining, sheen. **(SP)**		
S-8	2	1.5		15				

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW17A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			32.7					**f.m. SAND**, some Silt, gray, loose, wet, slight odor, no staining, sheen. **(SP)** *(continued)*			
S-9	2	1.5		12							
			60.4			18		**f. SAND and SILT**, gray, loose, wet, strong odor, no staining. **(ML/SM)**		Drilling from 18' to 34' performed on 11/1/2007	
S-10	2	1.5		10				**f. SAND**, trace silt, gray, loose, wet, slight odor, no staining. **(SP)**			
			2.2			20					
S-11	2	1.5		14							
			1.2			22					
S-12	2	1		12				**CLAY and SILT**, gray, m. stiff, wet, no odor, no staining. **(CL/ML)**			
			0.0			24		**f. SAND**, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
S-13	2	1.5		12							
			0.0			26					
S-14	2	2		16				**SILT**, trace clay, gray, m. stiff, wet, no odor, no staining. **(ML)**			
			0.0			28		**f. SAND**, trace silt, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
S-15	2	0		14							
			0.0			30					
S-16	2	1		8				**CLAY and SILT**, gray, m. stiff, wet, no odor, no staining. **(CL/ML)**			
			0.0			32					
S-17	2	1		7						Note: An orange/brown liquid was present in drill cuttings. Strong odor.	
						34		End of Boring at 34 ft			

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW18A/B-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Aquifer Drilling and Testing

DRILLER: R. Buley | INSPECTOR: S. Newell

START DATE and TIME: 10/25/2007

FINISH DATE and TIME: 11/5/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-25-07	00:00	24		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, **(CONCRETE)**		Drilling from 0' to 30' performed on 10/25/2007	
			0.0								
S-1	1	0.5						**FILL**, f.m. Gravel, f.m.c. Sand and Silt, some Stones, loose, dry, no odor, no staining. Ash from 2' to 4'. **(FILL)**			
			0.0			2					
S-2	2	1		14							
			0.0			4		**FILL**, Silt and f. Sand, brown, loose, moist, no odor, no staining. **(FILL)**		RFC sample collected from 4' to 6' at 13:00	
S-3	2	1.2		13				**FILL**, Black Ash, some f.m. Sand and Silt, loose, dry, no odor, no staining. **(FILL)**			
			1.5			6		**FILL**, Black Ash, f.m. Sand and Silt, trace brick fragments, loose, dry, no odor, no staining. **(FILL)**			
S-4	2	0.5		6							
			0.5			8		**FILL**, Black Ash, f.m. Sand and Silt, trace brick fragments, trace glass fragments, loose, dry, no odor, no staining. **(FILL)**			
S-5	2	1		5							
			0.4			10				RFC sample collected from 10' to 12' at 13:20	
S-6	2	0.5		8							
			0.3			12		**FILL**, f.m.c. Gravel, Stones, f.m. Sand and Silt, trace brick fragments, loose, dry to moist, no odor, orange/rust staining. **(FILL)**			
S-7	2	0.7		20							
						14		No Recovery (14' to 16')			
S-8	2	0		11							

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW18A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**FILL**, f.m. Gravel, Black Ash and m. Sand, trace silt, trace stones, loose, dry, organic odor, no staining. **(FILL)**		RFC sample collected from 16' to 18' at 13:40	
S-9	2	1		8							
						18		**FILL**, No Recovery (18' to 20') **(FILL)**			
S-10	2	0		50							
			23.9			20		**FILL**, Silt, some f. Sand, some Slay, trace Black ash, v. loose, moist, strong odor, black staining. **(FILL)**		STL and RFC samples collected from 20' to 22' at 13:50. SVOC sample jar only partially filled due to lack of recovery.	
S-11	2	0.5		66							
						22					
S-12	0.5	0						No Recovery (22' to 24')			
											▽
			23.6			24		**f. SAND**, some Silt, some f.c. Gravel, gray, loose, wet, strong odor, black staining. **(SP)**			
S-13	2	1		28							
			4.5			26		**f. SAND**, some Silt, gray, loose, wet, slight odor, black staining. **(SP)**			
S-14	2	1.2		11							
			2.3			28		**SILT**, some f. Sand, gray, m. compact, wet, no odor, no staining. **(ML)**			
S-15	2	1.5		14				**f. SAND**, some Silt, gray, loose, wet, slight odor, black staining. **(SP)**			
								SILT, some f. Sand, gray, m. compact, wet, no staining, no odor. **(ML)**			
			0.0			30		**CLAY and SILT**, trace f. sand, gray, m. stiff, wet, no odor, no staining. **(CL/ML)**		Drilling from 30' to 46' performed on 11/5/2007	
S-16	2	1.5		13							
			0.0			32					
S-17	2	1.2		11							
			0.0			34					
S-18	2	1.7		10							

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW18A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0			36		**CLAY and SILT**, trace f. sand, gray, m. stiff, wet, no odor, no staining. **(CL/ML)** *(continued)*			
S-19	2	1.8		6				**f. SAND and SILT**, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
			0.0			38		**CLAY and SILT**, trace f. sand, gray, m. stiff, wet, no odor, no staining. **(CL/ML)**			
S-20	2	1.7		10				**f. SAND and SILT**, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
			0.0			40					
S-21	2	0.7		15							
			0.0			42					
S-22	2	1.5		21							
			0.0			44		**SILT**, some Clay, trace f. sand, gray, m. compact, wet, no odor, no staining. **(ML)**			
S-23	2	1.9		16							
						46		End of Boring at 46 ft		Note: 1" metal bands wrapped around augers when brought to surface.	
						48					
						50					
						52					
						54					

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW19A/B-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Aquifer Drilling and Testing

DRILLER: R. Buley | INSPECTOR: S. Newell

START DATE and TIME: 10/30/2007

FINISH DATE and TIME: 11/5/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-30-07	00:00	18		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.0					**CONCRETE**, **(CONCRETE)**		Drilling from 0' to 28' performed on 10/30/2007	
S-1	2	2						**FILL**, f.m.c. Gravel, f.m.c. Sand and Silt, loose, dry, no odor, no staining. Ash from 2' to 4'. **(FILL)**			
			0.0			2		**FILL**, f.m.c. Sand and f.m. Gravel, trace stones, loose, dry, no odor, no staining. **(FILL)**			
S-2	2	2									
			0.0			4		**FILL**, f.m. Sand and f.m. Gravel, brown, loose, dry, no odor, no staining. **(FILL)**			
S-3	2	1.7		33							
			0.1			6				RFC sample collected from 6' to 8' at 09:00	
S-4	2	0.8		17							
			1.7					**FILL**, Black Ash, some f.m. Sand, loose, dry, no odor, no staining. **(FILL)**			
			0.2			8		**FILL**, f.m. Sand, trace silt, brown, m. compact, dry, no odor, no staining. **(FILL)**			
S-5	2	1.8		14							
			0.0			10				RFC sample collected from 10' to 12' at 09:20	
S-6	2	1		17				**FILL**, f. Sand, some Silt, gray, m. compact, moist, no odor, no staining. **(FILL)**			
			0.0			12					
S-7	2	0.7	0.5	11				**FILL**, f.m. Sand and Black Ash, gray, trace brick fragments, loose, moist, no odor, no staining. **(FILL)**			
			1.7			14		**FILL**, f.m. Sand, gray, loose, moist, very slight odor, no staining. **(FILL)**		STL and RFC samples collected from 14' to 16' at 09:40	
S-8	2	1.2		3							
			3.1					**FILL**, f.m. Sand, some yellow crystalline			

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW19A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			2192					material, trace brick fragments, loose, moist, slight odor, no staining. **(FILL)**			
S-9	2	0.3		25				**FILL**, burlap fibers with sticky, taffy-like black material, large pieces of silver (non-rusted) colored metal, no sediment, v. compact, very moist, strong odor, black tar-like staining. **(FILL)**			▽
						18		**FILL**, No Recovery -- tip filled with black hardened tar/resin material and silver colored metal. Strong odor. **(FILL)**		RFC sample collected from 18' to 20' at 10:00	
S-10	2	0		81							
						20		**FILL**, No Recovery -- tip filled with burlap fibers, black hardened tar/resin material and silver colored metal. Strong odor. **(FILL)**		RFC sample collected from 20' to 22' at 11:00	
S-11	2	0		45							
						22		**FILL**, No Recovery -- tip filled with burlap fibers, black hardened tar/resin material and silver colored metal. Strong odor. **(FILL)**			
S-12	2	0		30							
			2533			24		**FILL**, wood, wood fibers, some stones, black staining, strong odor. Approximately 0.5" of gray silt and f. sand in tip. **(FILL)**			
S-13	2	0.7		34							
						26		No Recovery (26' to 28')			
S-14	2	0		38							
			7.8			28		**f. SAND and SILT**, some Organics, gray/black, very loose, wet, slight odor, no staining. **(ML/SM)**		Drilling from 28' to 50' performed on 11/5/2007	
S-15	1	1									
			7.1			30		**f. SAND**, trace silt, gray, loose, slight odor, no staining. **(SP)**			
S-16	2	2		10							
			6.4			32					
S-17	2	1.5		6							
			2.7			34					
			2.4					**CLAY and SILT**, trace f. sand, gray, m. stiff, wet, no odor, no staining. **(CL/ML)**			
S-18	2	2		12							

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CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW19A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			2.6			36		**CLAY and SILT**, trace f. sand, gray, m. stiff, wet, no odor, no staining. **(CL/ML)** *(continued)*			
S-19	2	2	2.6	6				**f. SAND and SILT**, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
			0.4			38					
S-20	2	1.8		11							
			0.0			40					
S-21	2	2		14							
			0.0			42		**f. SAND and SILT**, trace clay, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
S-22	2	2		6				**f. SAND**, trace silt, gray, loose, wet, no odor, no staining. **(SP)**			
			0.0			44		**f. SAND and SILT**, trace clay, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
								CLAY and SILT, trace f. sand, gray, m. stiff, wet, no odor, no staining. **(CL/ML)**			
S-23	2	2		10							
			0.0			46					
S-24	2	1.5		7							
			0.0			48					
S-25	2	1.8		13				**f. SAND and SILT**, trace clay, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
						50		End of Boring at 50 ft			
						52					
						54					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW20-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Aquifer Drilling and Testing

DRILLER: R. Buley | INSPECTOR: S. Newell

START DATE and TIME: 10/29/2007

FINISH DATE and TIME: 10/29/2007

SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-29-07	00:00	10		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								FILL, f.m. gravel, f.m. sand, brown silt, loose, moist, no staining, no odor. **(FILL)**			
			0.0					**f.m. SAND**, some Silt, brown, loose, moist, no odor, black staining at approximately 3'. **(SP)**			
S-1	2	1.5	0.0	9		2				STL and RFC samples collected from 2' to 4' at 11:15	
S-2	2	1.5		12							
			0.0			4				RFC sample collected from 4' to 6' at 11:20	
S-3	2	1.5		7				**f.m. SAND**, brown, m. compact, moist, no odor, no staining. **(SP)**			
			0.4			6		**SILT**, some f. sand, brown, m. compact, moist, no odor, no staining. **(ML)**		RFC sample collected from 6' to 8' at 11:30	
S-4	2	1.2	35.9	9				**f. SAND**, gray f. sand, some silt, m. compact, moist, no odor, no staining. **(SP)**			
			27.8			8				RFC sample collected from 8' to 10' at 11:40	
			131					**f. SAND**, trace silt, gray, m. compact, moist, no odor, no staining. **(SP)**			
S-5	2	1		8							▽
			37.9			10		**f. SAND**, some silt, gray, loose, moist, slight odor, no staining. **(SP)**			
S-6	2	0.9		1.5							
			14.6			12					
S-7	2	1.4		6							
			1.2			14					
S-8	2	1.4		6							
								f. SAND and SILT, gray, loose, wet, no odor,			

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CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW20-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			0.7					no staining. **(ML/SM)**			
								f. SAND, trace silt, gray, m. compact, moist, no odor, no staining. **(SP)**			
S-9	2	1.4		6							
			16			18					
			0.0					**f. SAND and SILT**, gray, loose, wet, no odor, no staining. **(ML/SM)**			
S-10	2	2		10				**f. SAND**, trace silt, gray, m. compact, moist, no odor, no staining. **(SP)**			
			0.0			20		**f. SAND and SILT**, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
			1.7					**f. SAND**, trace silt, gray, m. compact, moist, no odor, no staining. **(SP)**			
S-11	2	0.8		8							
			0.0			22					
S-12	2	1.5		8							
			0.0			24					
S-13	2	1.4		14							
			0.0			26					
								f. SAND and SILT, gray, m. compact, wet, no odor, no staining. **(ML/SM)**			
S-14	2	1.7		5				**f. SAND**, trace silt, gray, m. compact, moist, no odor, no staining. **(SP)**			
			0.0			28					
S-15	2	2		8				**SILT**, some f. Sand, trace clay, gray, m. compact, wet, no odor, no staining. **(ML)**			
						30		End of Boring at 30 ft			
						32					
						34					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW21A/B-07

LOCATION: Schenectady, NY, New York

CLIENT: SI Group

CONTRACTOR: Aquifer Drilling and Testing

DRILLER: R. Buley | INSPECTOR: S. Newell

START DATE and TIME: 10/29/2007

FINISH DATE and TIME: 11/2/2007

SURFACE ELEV:

CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-29-07	00:00	10		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, **(TOPSOIL)**		Drilling from 0' to 18' performed on 10/29/2007	
			0.0					**FILL**, f.m. Sand, Silt and f. Sravel, brown, loose, dry, no odor, no staining. **(FILL)**			
S-1	2	1.2	85.9	16		2		**f.m. SAND**, some Silt, brown, loose, moist, slight odor, no staining. **(SP)**		RFC and STL samples collected from 2' to 5' at 09:10	
S-2	2	1		12							
			421			4				RFC sample collected from 4' to 6' at 9:30	
			141					**f. SAND and SILT**, gray, m. compact, moist, odor, no staining. **(ML/SM)**			
S-3	2	1		8							
			424			6				RFC sample collected from 6' to 8' at 09:40	
			897					**f.m. SAND**, trace silt, gray, loose, moist to wet, slight odor, no staining, sheen. **(SP)**			
S-4	2	1.2		5							
			153			8				RFC sample collected from 8' to 10' at 09:50	
S-5	2	1.3		2							
			75.9			10					▽
S-6	2	1.2	13.2	3				**f. SAND and SILT**, gray, m. compact, wet, strong odor, black staining, sheen. **(ML/SM)**			
			120			12					
S-7	2	1.5		6							
			72.3			14					
			45.4					**f.m. SAND**, trace silt, gray, loose, wet, solvent odor, no staining, sheen. **(SP)**			
S-8	2	1.5		10							

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CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation

SUBSURFACE LOG

HOLE NUMBER OW21A/B-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			16.7					**f.m. SAND**, trace silt, gray, loose, wet, solvent odor, no staining, sheen. **(SP)** *(continued)*			
S-9	2	1.5	5.8	9				**f. SAND and SILT**, gray, m. compact, wet, slight odor, no staining, no sheen. **(ML/SM)**			
			0.0			18		**f. SAND**, trace silt, gray, loose, wet, no odor, no staining, no sheen. **(SP)**		Drilling from 18' to 34' performed on 11/2/2007	
S-10	2	1.5		16							
			0.0			20					
S-11	2	1.5		6							
			0.0			22		**CLAY and SILT**, gray, m. stiff, wet, no odor, no staining, no sheen. **(CL-ML)**			
								f. SAND, trace silt, gray, loose, wet, no odor, no staining, no sheen. **(SP)**			
S-12	2	1		5				**f. SAND and SILT**, gray, loose, wet, no odor, no staining, no sheen. **(ML/SM)**			
			0.0			24		**f. SAND**, trace silt, gray, m. compact, wet, no odor, no staining, no sheen. **(SP)**			
S-13	2	1.5		8							
			0.0			26		**CLAY and SILT**, gray, m. stiff, wet, no odor, no staining, no sheen. **(CL/ML)**			
S-14	2	2		17							
			0.0			28					
S-15	2	0		8				**f. SAND and SILT**, gray, loose, wet, no odor, no staining, no sheen. **(ML/SM)**			
			0.0			30		**f. SAND**, trace silt, gray, m. compact, wet, no odor, no staining, no sheen. **(SP)**			
S-16	2	1		9				**CLAY and SILT**, gray, m. stifft, wet, no odor, no staining, no sheen. **(CL/ML)**			
			0.0			32					
S-17	2	1		7							
						34		End of Boring at 34 ft			

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW22-07

LOCATION: Schenectady, NY, New York
CLIENT: SI Group
CONTRACTOR: Aquifer Drilling and Testing
DRILLER: R. Buley | INSPECTOR: S. Newell
START DATE and TIME: 10/24/2007
FINISH DATE and TIME: 10/24/2007
SURFACE ELEV: | CHECKED BY: K. Cowan

DRILL FLUID: None | DRILLING METHOD: Hollow Stem Auger

WATER LEVEL OBSERVATIONS DURING DRILLING	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	10-24-07	00:00	10		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	DEPTH (Feet)	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
						CONCRETE, **(CONCRETE)**			
			0.0						
S-1	1	0.5				**FILL**, f.m. Gravel and f.m.c. Sand, trace brick fragments, loose, dry, no odor, no staining. **(FILL)**			
			29.7		2	**SILT**, trace f. sand, gray, m. compact, moist, slight odor, trace black staining. **(ML)**			
S-2	2	0.5		12					
			28.2		4			RFC sample collected from 4' to 6' at 13:50	
S-3	2	1.4	6.0	13		**f. SAND and SILT**, gray, m. compact, moist, slight odor, no staining. **(ML/SM)**			
			8.1		6	**SILT**, trace f. sand, gray, m. compact, moist, slight odor, slight black staining. **(ML)**			
S-4	2	1	4866	9		**f. SAND**, some Silt, gray, loose, moist, strong odor, some black staining. **(SP)**			
			8620		8			RFC and STL samples collected from 8' to 10' at 14:00	
S-5	2	1		7		**SILT**, trace f. sand, gray, m. compact, moist, strong odor, no staining, some sheen. **(ML)**			
			>9999		10	**f. SAND**, some Silt, gray, loose, wet, very strong odor, no staining, sheen. **(SP)**		RFC sample collected from 10' to 12' at 14:05	▽
S-6	2	1		1					
			283		12	**f. SAND and SILT**, gray, m. compact, wet, very strong odor, no staining, sheen. **(ML/SM)**			
S-7	2	1	202	4		**f. SAND**, some Silt, gray, loose, wet, strong odor, no staining, sheen. **(SP)**			
			734		14				
S-8	2	1.5		6					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

CLOUGH HARBOUR & ASSOCIATES LLP

PROJECT NUMBER: 15091.2010

Congress Street Remedial Investigation
SUBSURFACE LOG
HOLE NUMBER OW22-07

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
			234					**f. SAND**, some Silt, gray, loose, wet, strong odor, no staining, sheen. **(SP)** *(continued)*			
S-9	2	1		7							
			63			18		**f.m. SAND**, some Silt, gray, m. compact, wet, slight odor, no staining, no sheen. **(SP)**			
S-10	2	1.4		13							
			138			20		**f. SAND and SILT**, gray to brown, m. compact, wet, slight odor, no staining, no sheen. **(ML/SM)**			
			52.3								
S-11	2	1.4		3.5				**f.m. SAND**, some Silt, gray to brown, grades from m. compact to loose, wet, slight odor, no staining, no sheen. **(SP)**			
			30.3			22					
S-12	2	1.6		8							
			6.8			24					
S-13	2	1.4		6				**SILT**, trace f. sand, trace clay, gray, loose, wet, no odor, no staining. **(ML)**			
			3.5			26		**f.m. SAND**, some Silt, gray to brown, loose, wet, no odor, no staining. **(SP)**			
S-14	2	1.4		12							
			0.7			28					
S-15	2	1		10							
						30		End of Boring at 30 ft			
						32					
						34					

GEOPROBE LOG GEOPROBE BORING LOGS_10-07.GPJ UPDATEDCHA.GDT 1/17/08

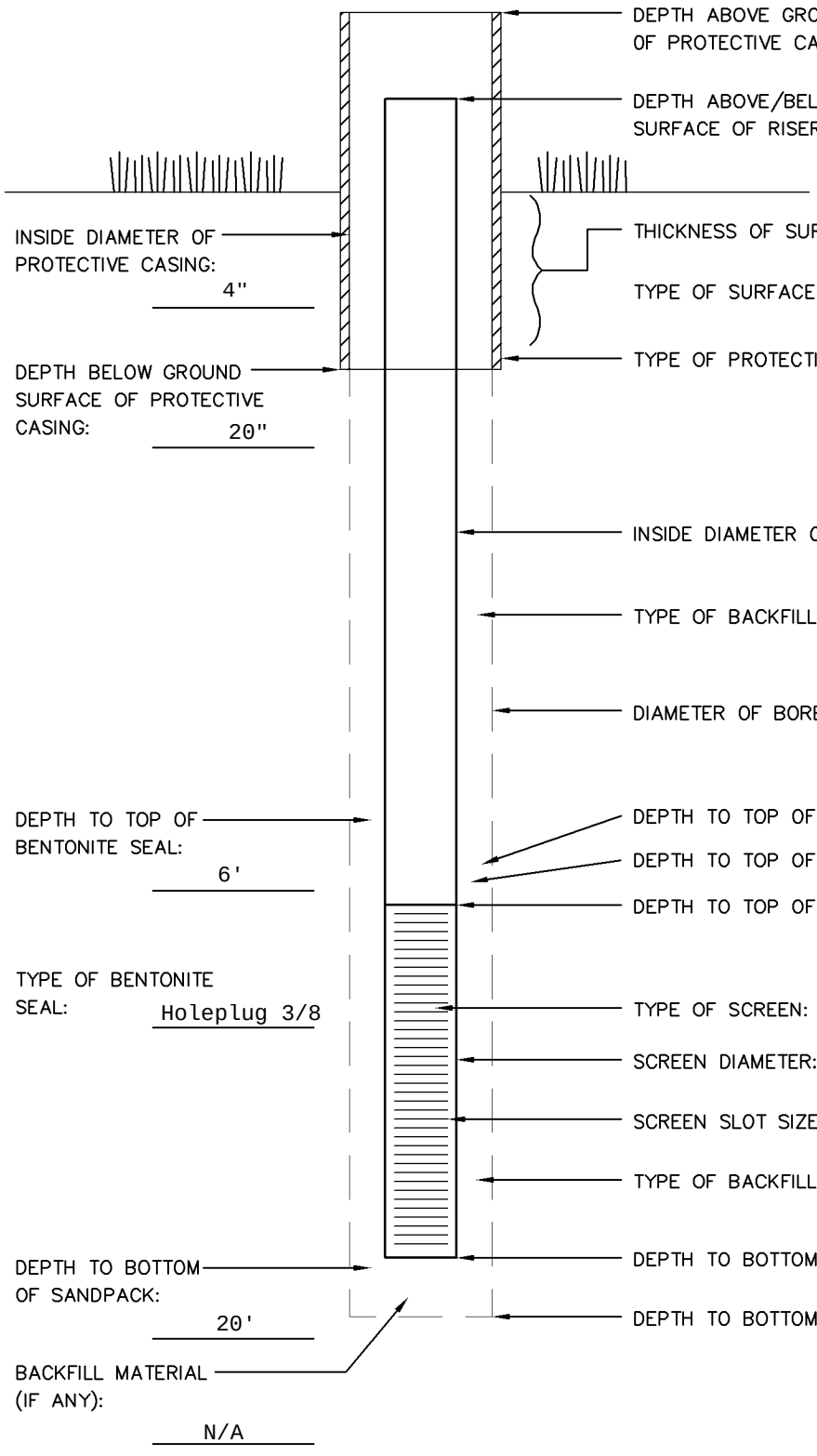
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW15A-07
WELL NO. OW15A-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 323.34 (TOC)
START DATE: 10/23/07
FINISH DATE: 10/23/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 40"
DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 37"
INSIDE DIAMETER OF PROTECTIVE CASING: 4"
THICKNESS OF SURFACE SEAL: 20"
TYPE OF SURFACE SEAL: Grout/Bentonite
DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 20"
TYPE OF PROTECTIVE CASING: STEEL
INSIDE DIAMETER OF RISER PIPE: 2"
TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite
DIAMETER OF BOREHOLE: 4 1/4"
DEPTH TO TOP OF BENTONITE SEAL: 6'
DEPTH TO TOP OF FINE SAND CHOKE: 8'
DEPTH TO TOP OF SAND PACK: 8.5'
DEPTH TO TOP OF SCREEN: 10'
TYPE OF BENTONITE SEAL: Holeplug 3/8
TYPE OF SCREEN: PVC
SCREEN DIAMETER: 2"
SCREEN SLOT SIZE: 0.010
TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand
DEPTH TO BOTTOM OF SANDPACK: 20'
DEPTH TO BOTTOM OF SCREEN: 20'
DEPTH TO BOTTOM OF BOREHOLE: 20'
BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

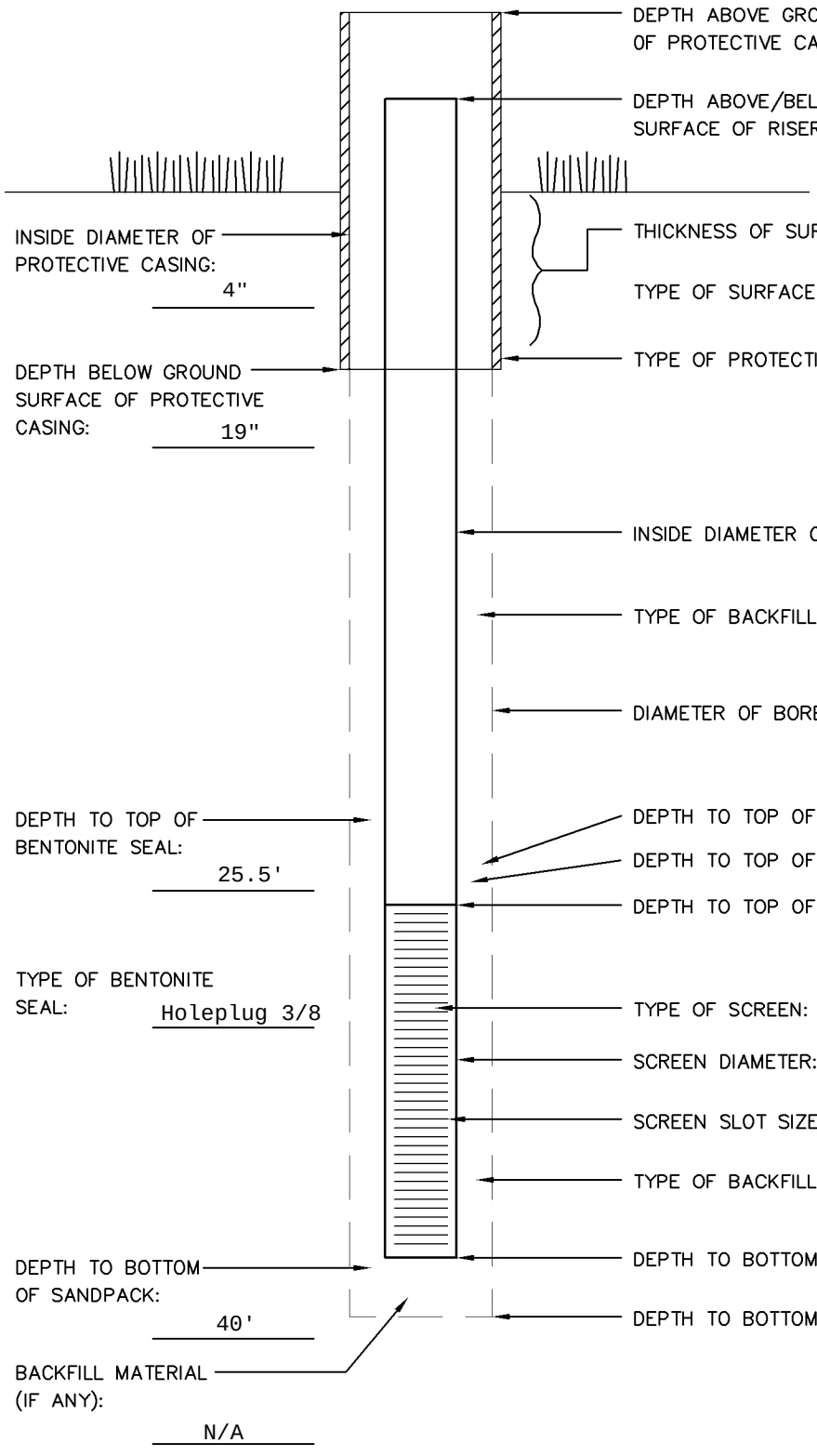
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW15B-07
WELL NO. OW15B-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 323.37 (TOC)
START DATE: 10/22/07
FINISH DATE: 10/22/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 41"
DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 37"
INSIDE DIAMETER OF PROTECTIVE CASING: 4"
THICKNESS OF SURFACE SEAL: 19"
TYPE OF SURFACE SEAL: Grout/Bentonite
DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 19"
TYPE OF PROTECTIVE CASING: STEEL
INSIDE DIAMETER OF RISER PIPE: 2"
TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite
DIAMETER OF BOREHOLE: 4 1/4"
DEPTH TO TOP OF BENTONITE SEAL: 25.5'
DEPTH TO TOP OF FINE SAND CHOKE: 28'
DEPTH TO TOP OF SAND PACK: 28.5'
DEPTH TO TOP OF SCREEN: 30'
TYPE OF BENTONITE SEAL: Holeplug 3/8
TYPE OF SCREEN: PVC
SCREEN DIAMETER: 2"
SCREEN SLOT SIZE: 0.010
TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand
DEPTH TO BOTTOM OF SANDPACK: 40'
DEPTH TO BOTTOM OF SCREEN: 40'
DEPTH TO BOTTOM OF BOREHOLE: 40'
BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

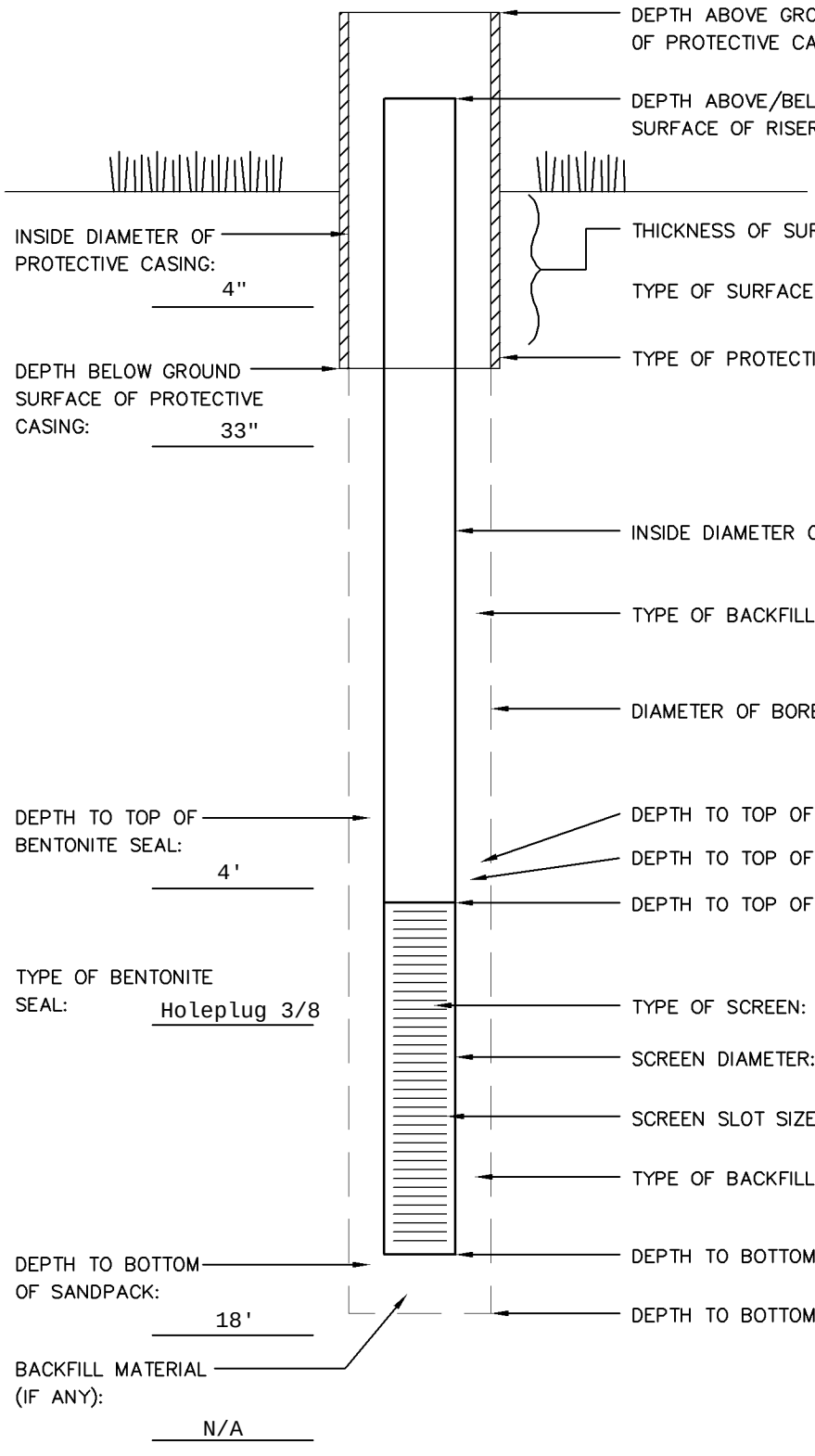
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW16A-07
WELL NO. OW16A-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 307.37 (TOC)
START DATE: 10/23/07
FINISH DATE: 10/23/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 27"

DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 24"

INSIDE DIAMETER OF PROTECTIVE CASING: 4"

THICKNESS OF SURFACE SEAL: 33"

TYPE OF SURFACE SEAL: Grout/Bentonite

TYPE OF PROTECTIVE CASING: STEEL

DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 33"

INSIDE DIAMETER OF RISER PIPE: 2"

TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite

DIAMETER OF BOREHOLE: 4 1/4"

DEPTH TO TOP OF BENTONITE SEAL: 4'

DEPTH TO TOP OF FINE SAND CHOKE: 6'

DEPTH TO TOP OF SAND PACK: 6.5'

DEPTH TO TOP OF SCREEN: 8'

TYPE OF BENTONITE SEAL: Holeplug 3/8

TYPE OF SCREEN: PVC

SCREEN DIAMETER: 2"

SCREEN SLOT SIZE: 0.010

TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand

DEPTH TO BOTTOM OF SANDPACK: 18'

DEPTH TO BOTTOM OF SCREEN: 18'

DEPTH TO BOTTOM OF BOREHOLE: 18'

BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

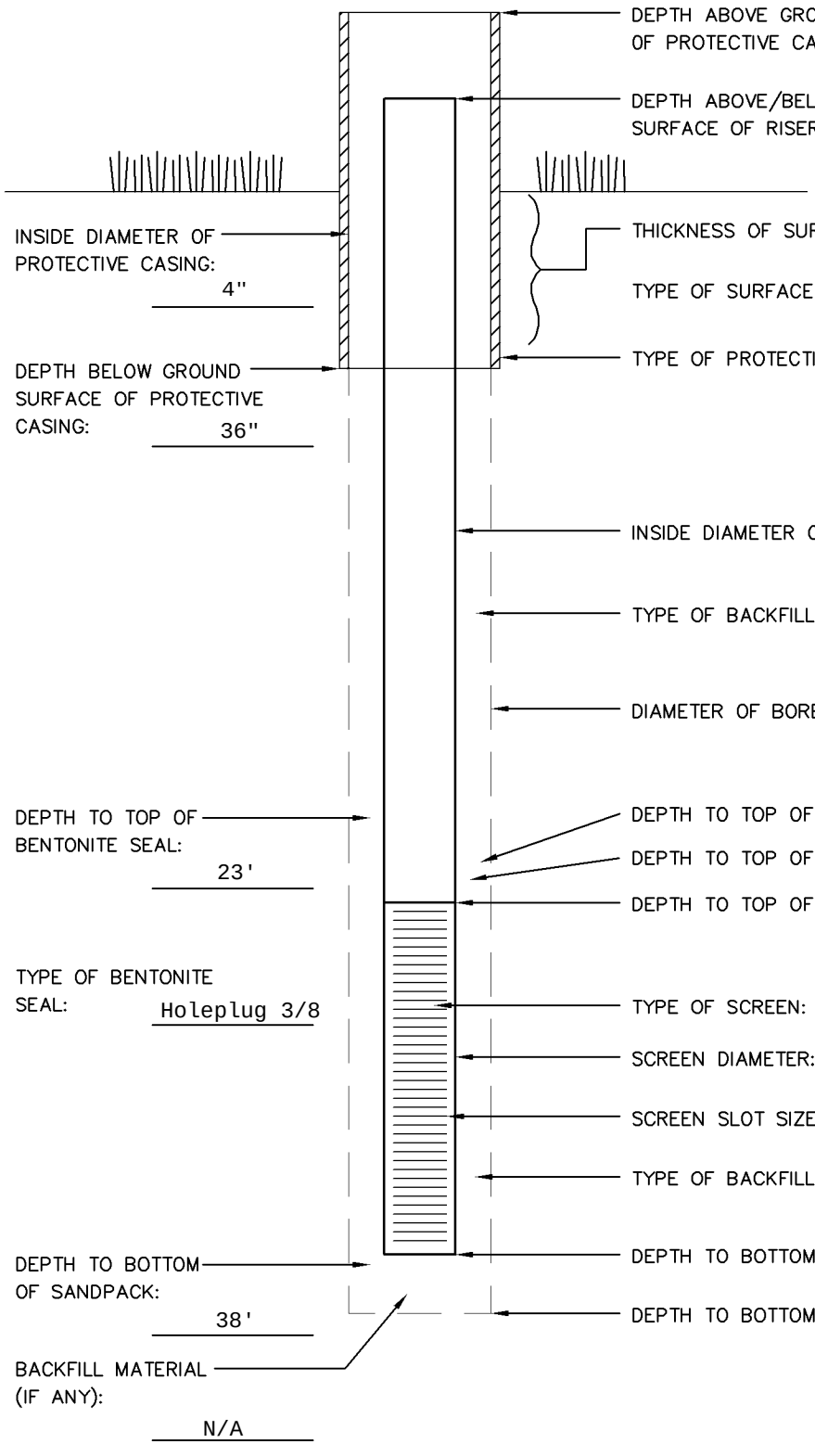
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW16B-07
WELL NO. OW16B-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 307.17 (TOC)
START DATE: 10/31/07
FINISH DATE: 10/31/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 24"

DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 21"

INSIDE DIAMETER OF PROTECTIVE CASING: 4"

THICKNESS OF SURFACE SEAL: 36"

TYPE OF SURFACE SEAL: Grout/Bentonite

TYPE OF PROTECTIVE CASING: STEEL

DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 36"

INSIDE DIAMETER OF RISER PIPE: 2"

TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite

DIAMETER OF BOREHOLE: 4 1/4"

DEPTH TO TOP OF BENTONITE SEAL: 23'

DEPTH TO TOP OF FINE SAND CHOKE: 25.5'

DEPTH TO TOP OF SAND PACK: 26'

DEPTH TO TOP OF SCREEN: 28'

TYPE OF BENTONITE SEAL: Holeplug 3/8

TYPE OF SCREEN: PVC

SCREEN DIAMETER: 2"

SCREEN SLOT SIZE: 0.010

TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand

DEPTH TO BOTTOM OF SANDPACK: 38'

DEPTH TO BOTTOM OF SCREEN: 38'

DEPTH TO BOTTOM OF BOREHOLE: 38'

BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

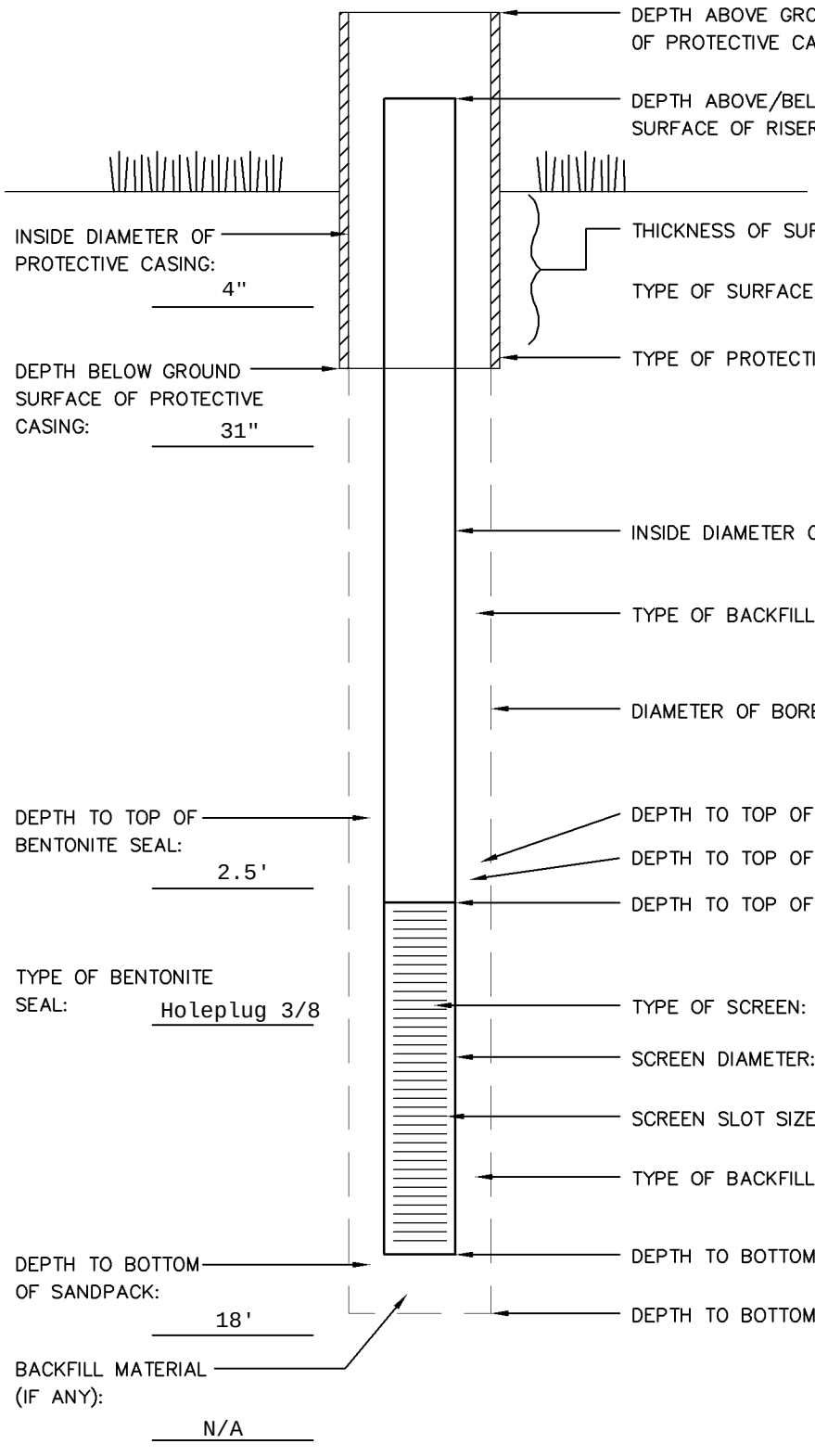
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW17A-07
WELL NO. OW17A-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 307.33 (TOC)
START DATE: 10/31/07
FINISH DATE: 10/31/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 29"

DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 26"

INSIDE DIAMETER OF PROTECTIVE CASING: 4"

THICKNESS OF SURFACE SEAL: 31"

TYPE OF SURFACE SEAL: Grout/Bentonite

TYPE OF PROTECTIVE CASING: STEEL

DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 31"

INSIDE DIAMETER OF RISER PIPE: 2"

TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite

DIAMETER OF BOREHOLE: 4 1/4"

DEPTH TO TOP OF BENTONITE SEAL: 2.5'

DEPTH TO TOP OF FINE SAND CHOKE: 5.5'

DEPTH TO TOP OF SAND PACK: 6'

DEPTH TO TOP OF SCREEN: 8'

TYPE OF BENTONITE SEAL: Holeplug 3/8

TYPE OF SCREEN: PVC

SCREEN DIAMETER: 2"

SCREEN SLOT SIZE: 0.010

TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand

DEPTH TO BOTTOM OF SANDPACK: 18'

DEPTH TO BOTTOM OF SCREEN: 18'

DEPTH TO BOTTOM OF BOREHOLE: 18'

BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

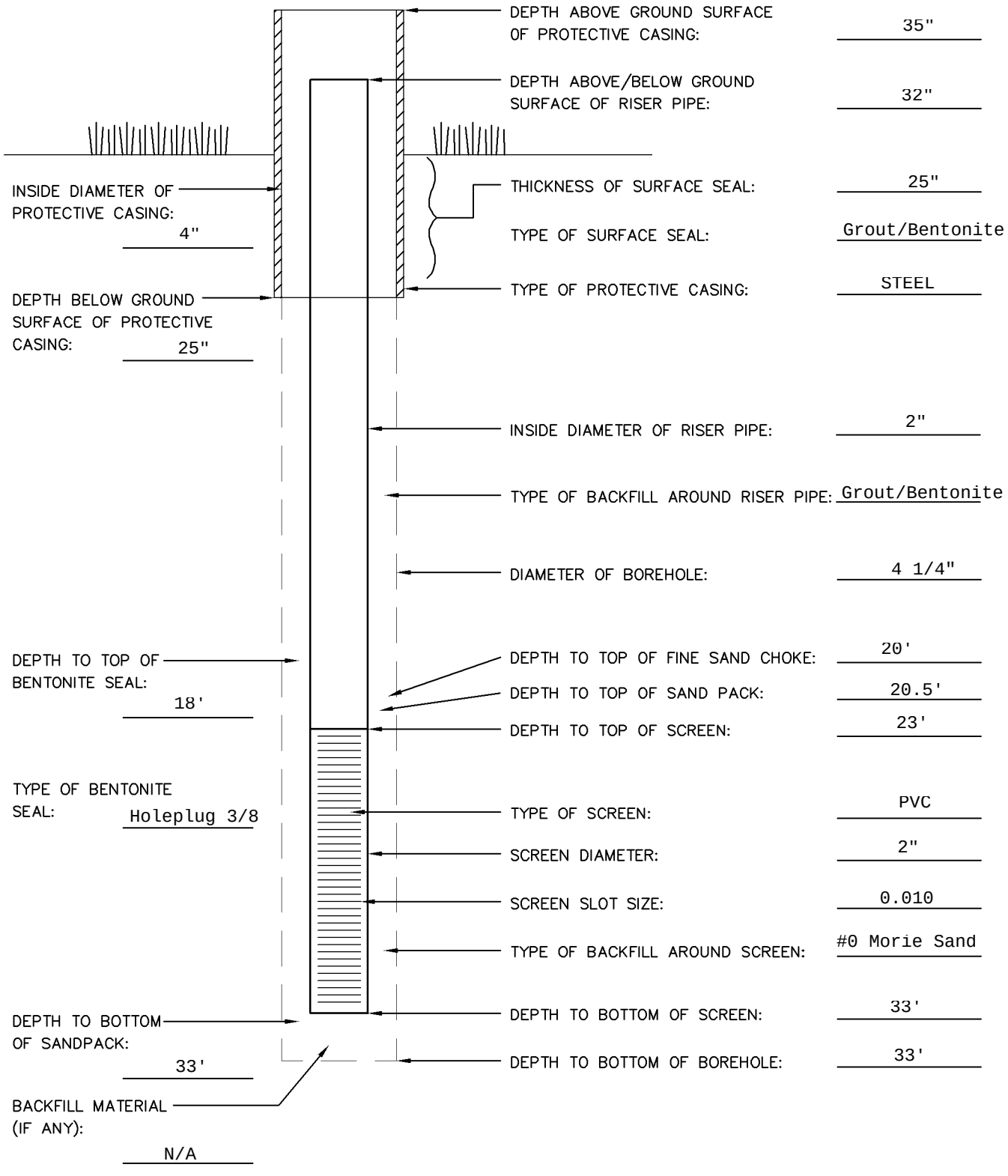
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW17B-07
WELL NO. OW17B-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 307.97 (TOC)
START DATE: 11/1/07
FINISH DATE: 11/1/07
DRILLER: R. Buley
INSPECTOR: S. Newell



GWOBWELL 3/25/96

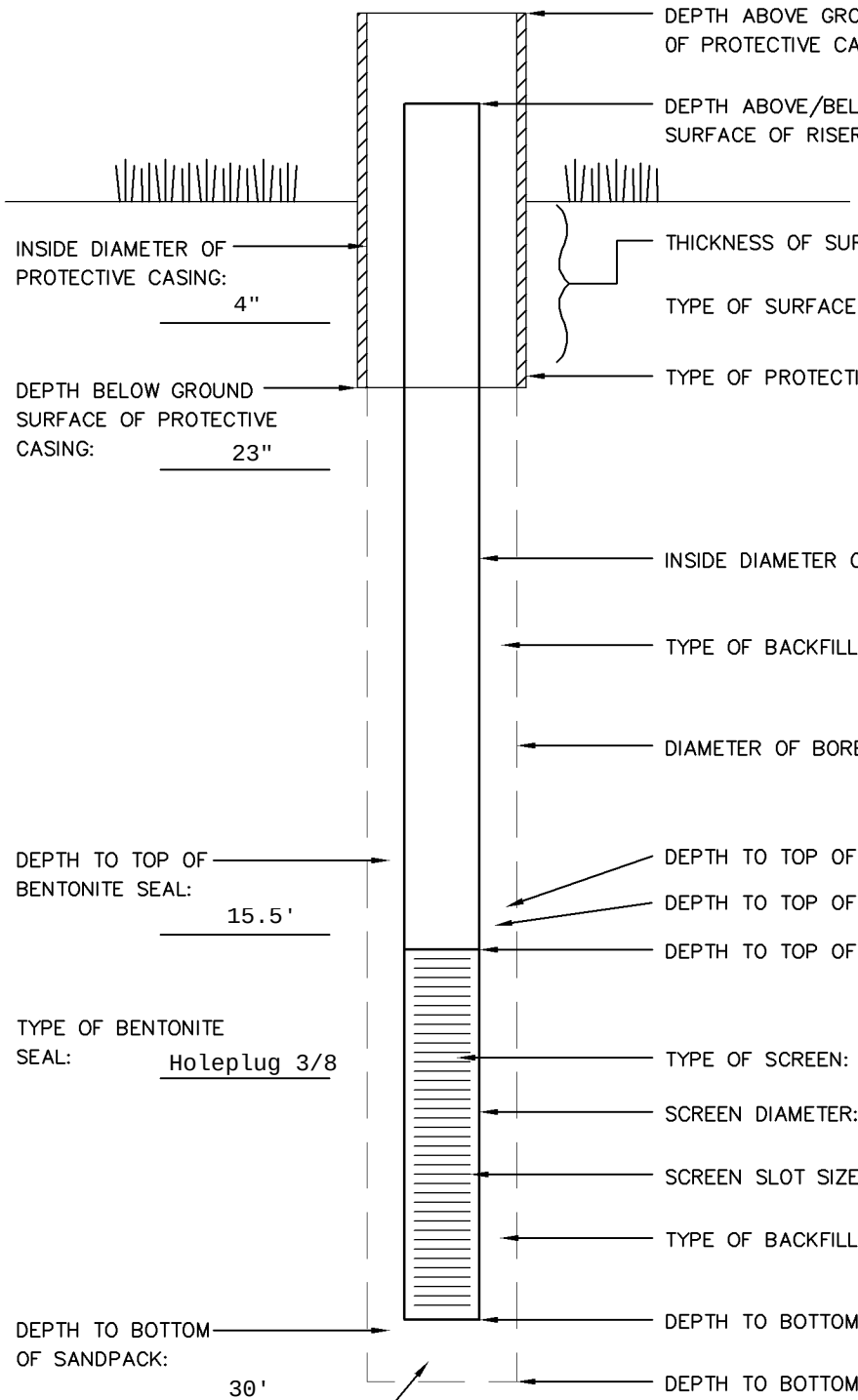
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW18A-07
WELL NO. OW18A-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 307.03 (TOC)
START DATE: 10/25/07
FINISH DATE: 10/25/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 37"

DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 34"

INSIDE DIAMETER OF PROTECTIVE CASING: 4"

THICKNESS OF SURFACE SEAL: 23"

TYPE OF SURFACE SEAL: Grout/Bentonite

TYPE OF PROTECTIVE CASING: STEEL

DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 23"

INSIDE DIAMETER OF RISER PIPE: 2"

TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite

DIAMETER OF BOREHOLE: 4 1/4"

DEPTH TO TOP OF BENTONITE SEAL: 15.5'

DEPTH TO TOP OF FINE SAND CHOKE: 18'

DEPTH TO TOP OF SAND PACK: 18.5'

DEPTH TO TOP OF SCREEN: 20'

TYPE OF BENTONITE SEAL: Holeplug 3/8

TYPE OF SCREEN: PVC

SCREEN DIAMETER: 2"

SCREEN SLOT SIZE: 0.010

TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand

DEPTH TO BOTTOM OF SANDPACK: 30'

DEPTH TO BOTTOM OF SCREEN: 30'

DEPTH TO BOTTOM OF BOREHOLE: 30'

BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

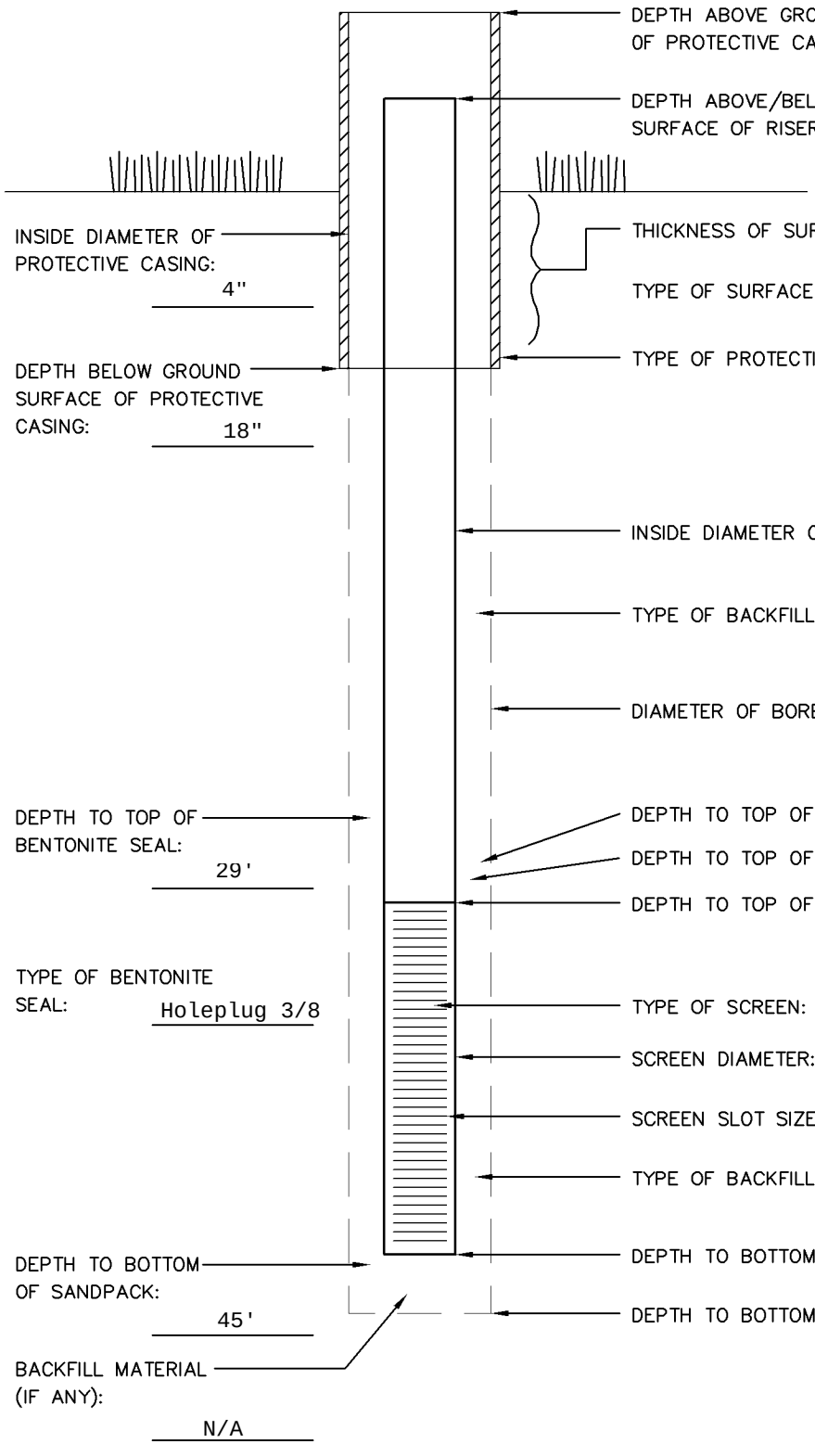
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW18B-07
WELL NO. OW18B-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 307.65 (TOC)
START DATE: 11/5/07
FINISH DATE: 11/6/07
DRILLER: R. Buley
INSPECTOR: S. Newell



GWOBWELL 3/25/96

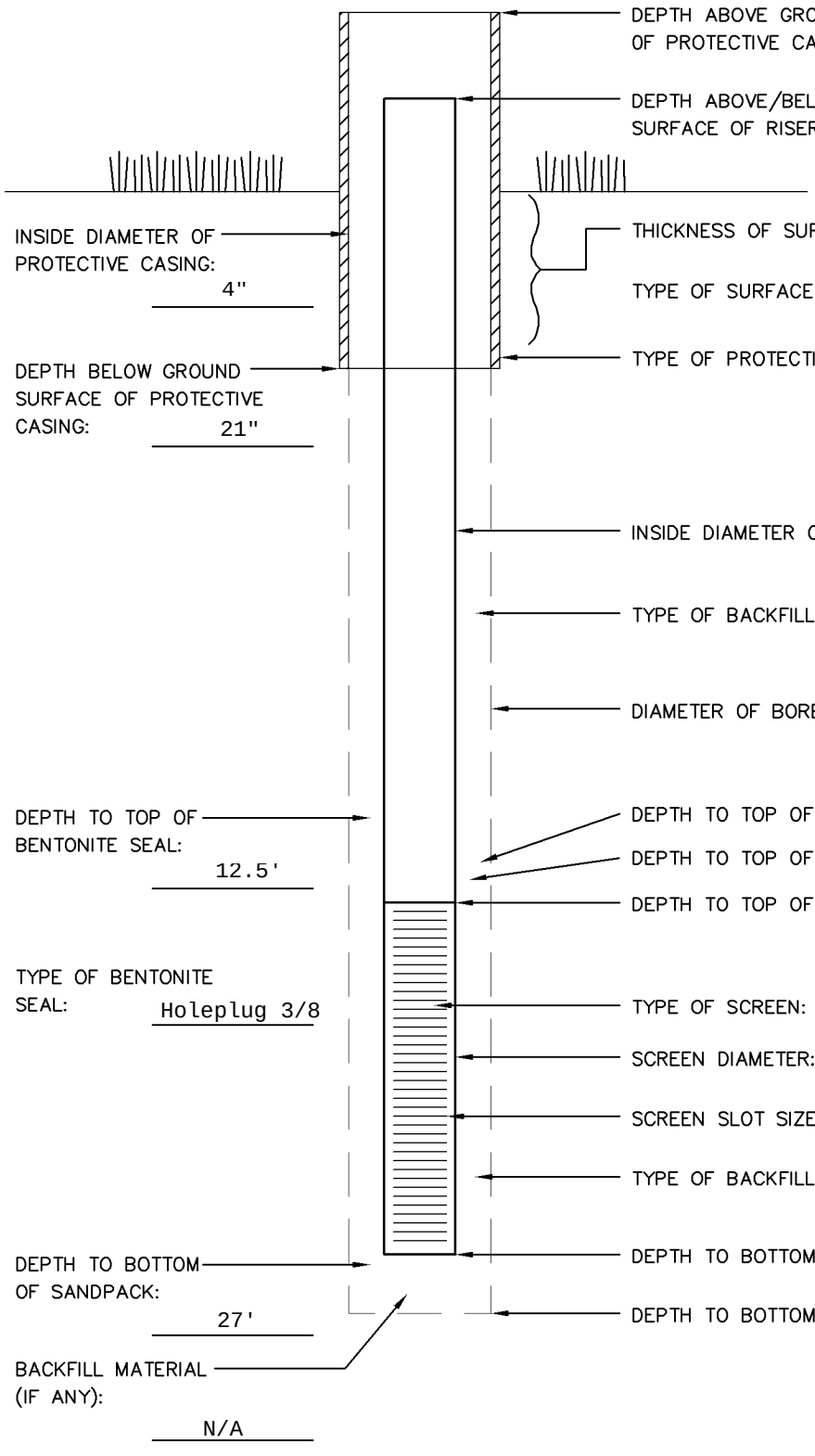
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW19A-07
WELL NO. OW19A-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 305.80 (TOC)
START DATE: 10/30/07
FINISH DATE: 10/30/07
DRILLER: R. Buley
INSPECTOR: S. Newell



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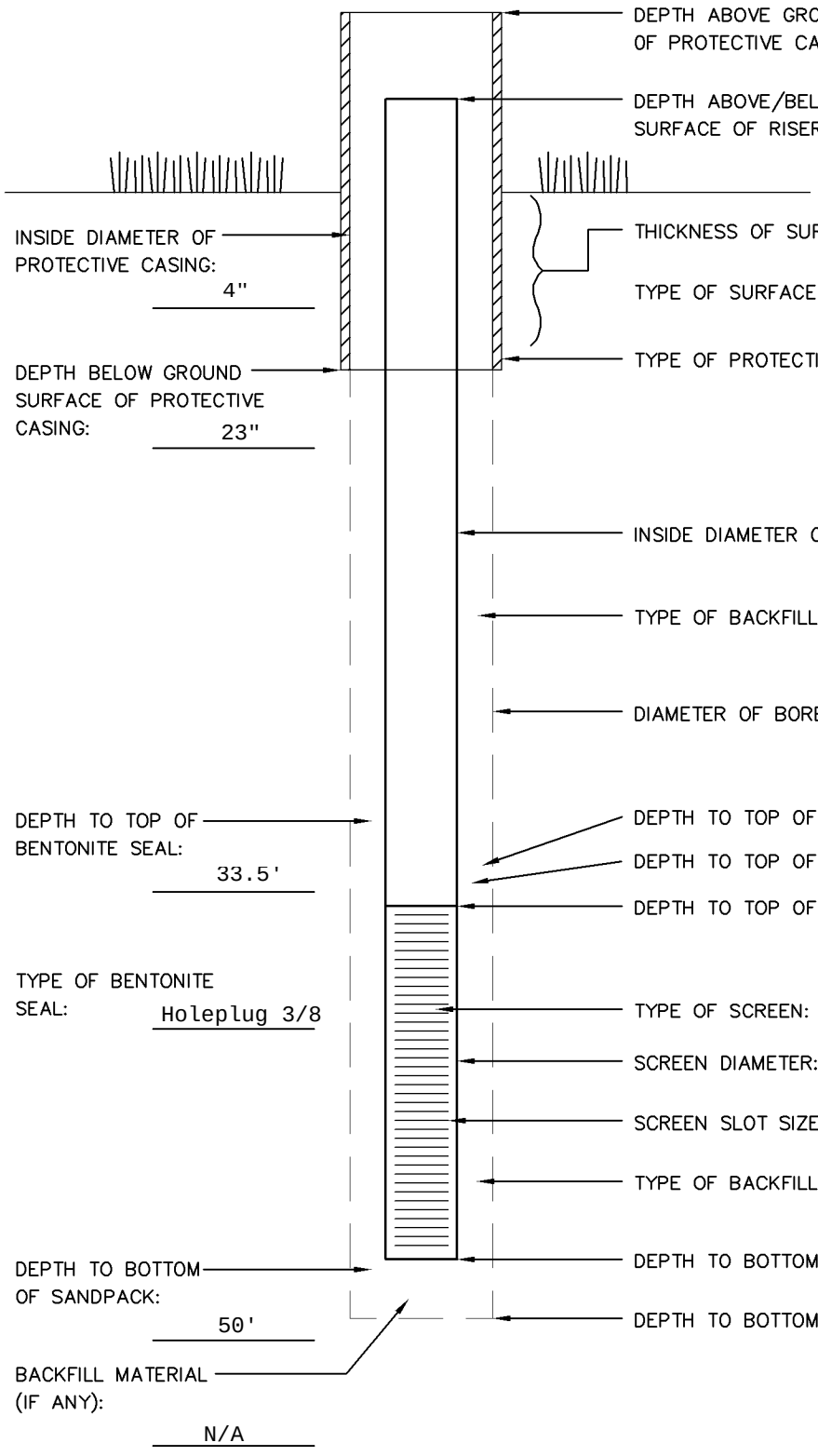
GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW19B-07
WELL NO. OW19B-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 305.65 (TOC)
START DATE: 11/5/07
FINISH DATE: 11/6/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 37"

DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 34"

INSIDE DIAMETER OF PROTECTIVE CASING: 4"

THICKNESS OF SURFACE SEAL: 23"

TYPE OF SURFACE SEAL: Grout/Bentonite

TYPE OF PROTECTIVE CASING: STEEL

DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 23"

INSIDE DIAMETER OF RISER PIPE: 2"

TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite

DIAMETER OF BOREHOLE: 4 1/4"

DEPTH TO TOP OF FINE SAND CHOKE: 37.5'

DEPTH TO TOP OF SAND PACK: 38'

DEPTH TO TOP OF BENTONITE SEAL: 33.5'

DEPTH TO TOP OF SCREEN: 40'

TYPE OF BENTONITE SEAL: Holeplug 3/8

TYPE OF SCREEN: PVC

SCREEN DIAMETER: 2"

SCREEN SLOT SIZE: 0.010

TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand

DEPTH TO BOTTOM OF SANDPACK: 50'

DEPTH TO BOTTOM OF SCREEN: 50'

DEPTH TO BOTTOM OF BOREHOLE: 50'

BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

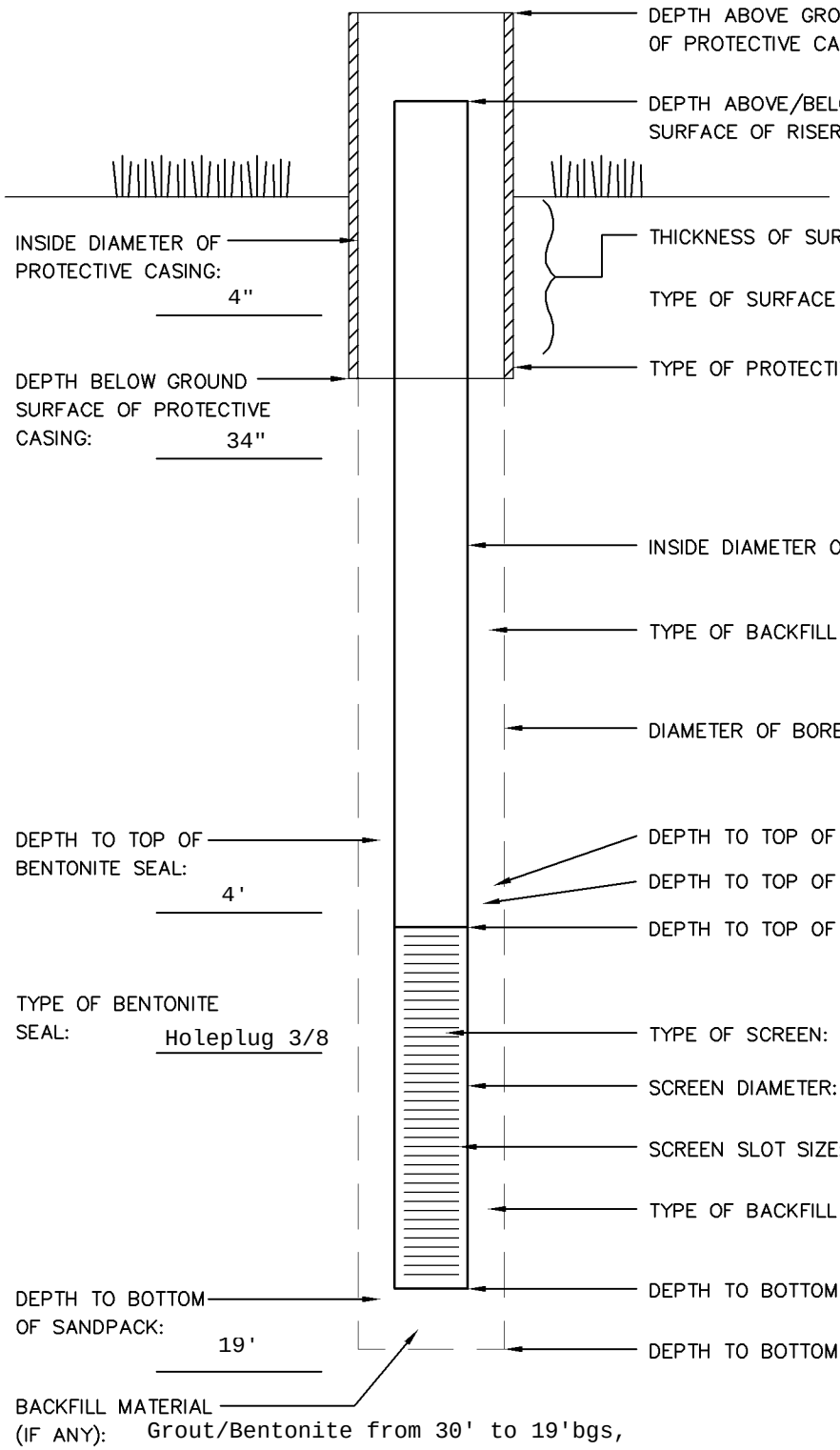
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW20-07
WELL NO. OW20-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 307.59 (TOC)
START DATE: 10/29/07
FINISH DATE: 10/30/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 26"
DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 23"
INSIDE DIAMETER OF PROTECTIVE CASING: 4"
THICKNESS OF SURFACE SEAL: 34"
TYPE OF SURFACE SEAL: Grout/Bentonite
DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 34"
TYPE OF PROTECTIVE CASING: STEEL
INSIDE DIAMETER OF RISER PIPE: 2"
TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite
DIAMETER OF BOREHOLE: 4 1/4"
DEPTH TO TOP OF BENTONITE SEAL: 4'
DEPTH TO TOP OF FINE SAND CHOKE: 6'
DEPTH TO TOP OF SAND PACK: 6.5'
DEPTH TO TOP OF SCREEN: 8'
TYPE OF BENTONITE SEAL: Holeplug 3/8
TYPE OF SCREEN: PVC
SCREEN DIAMETER: 2"
SCREEN SLOT SIZE: 0.010
TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand
DEPTH TO BOTTOM OF SANDPACK: 19'
DEPTH TO BOTTOM OF SCREEN: 18'
DEPTH TO BOTTOM OF BOREHOLE: 30'
BACKFILL MATERIAL (IF ANY): Grout/Bentonite from 30' to 19'bgs, #0 Morie Sand from 19' to 18'bgs

GWOBWELL 3/25/96

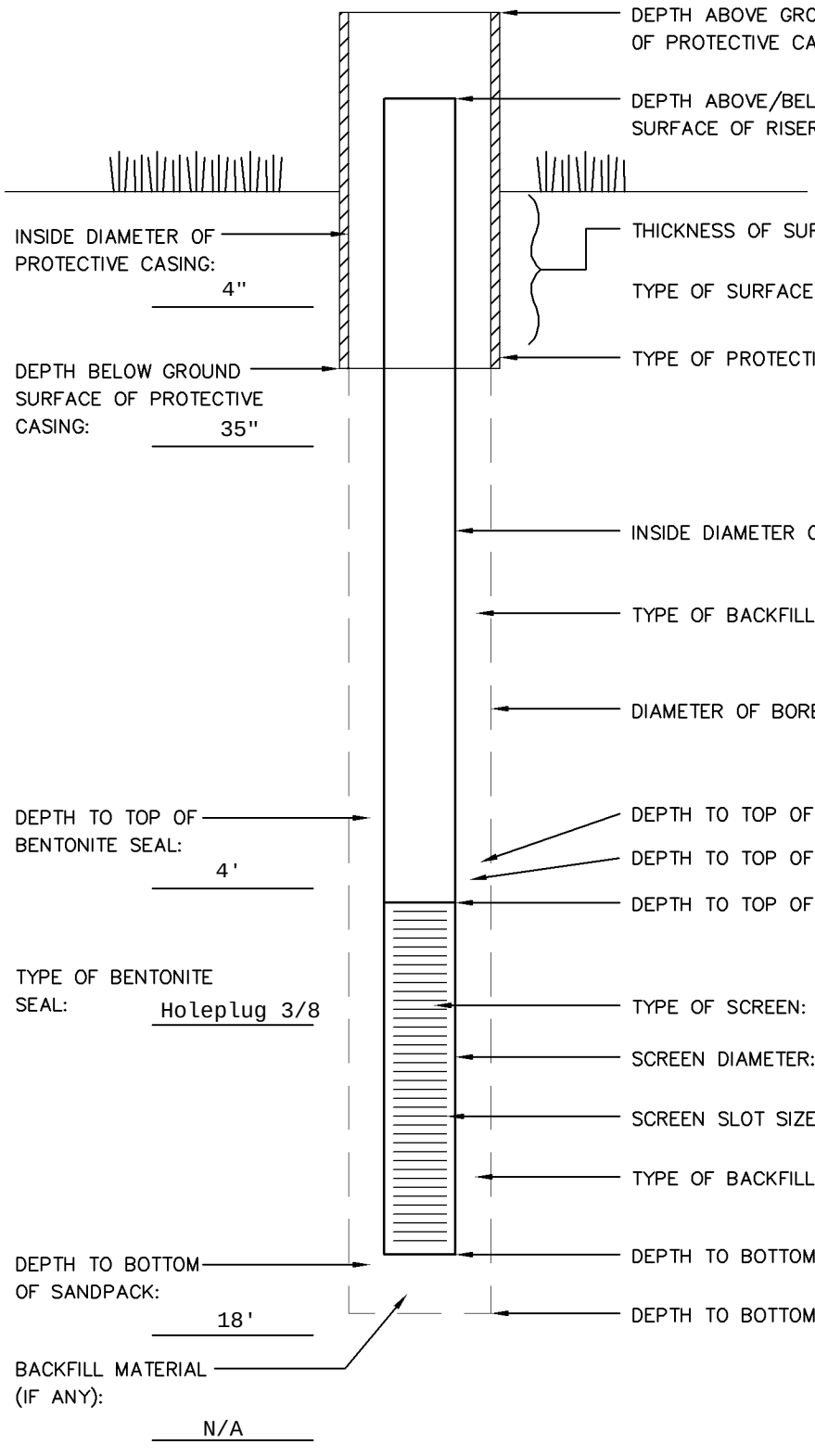
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW21A-07
WELL NO. OW21A-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 305.37 (TOC)
START DATE: 10/29/07
FINISH DATE: 10/29/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 25"

DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 22"

INSIDE DIAMETER OF PROTECTIVE CASING: 4"

THICKNESS OF SURFACE SEAL: 35"

TYPE OF SURFACE SEAL: Grout/Bentonite

TYPE OF PROTECTIVE CASING: STEEL

DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 35"

INSIDE DIAMETER OF RISER PIPE: 2"

TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite

DIAMETER OF BOREHOLE: 4 1/4"

DEPTH TO TOP OF BENTONITE SEAL: 4'

DEPTH TO TOP OF FINE SAND CHOKE: 6'

DEPTH TO TOP OF SAND PACK: 6.5'

DEPTH TO TOP OF SCREEN: 8'

TYPE OF BENTONITE SEAL: Holeplug 3/8

TYPE OF SCREEN: PVC

SCREEN DIAMETER: 2"

SCREEN SLOT SIZE: 0.010

TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand

DEPTH TO BOTTOM OF SANDPACK: 18'

DEPTH TO BOTTOM OF SCREEN: 18'

DEPTH TO BOTTOM OF BOREHOLE: 18'

BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

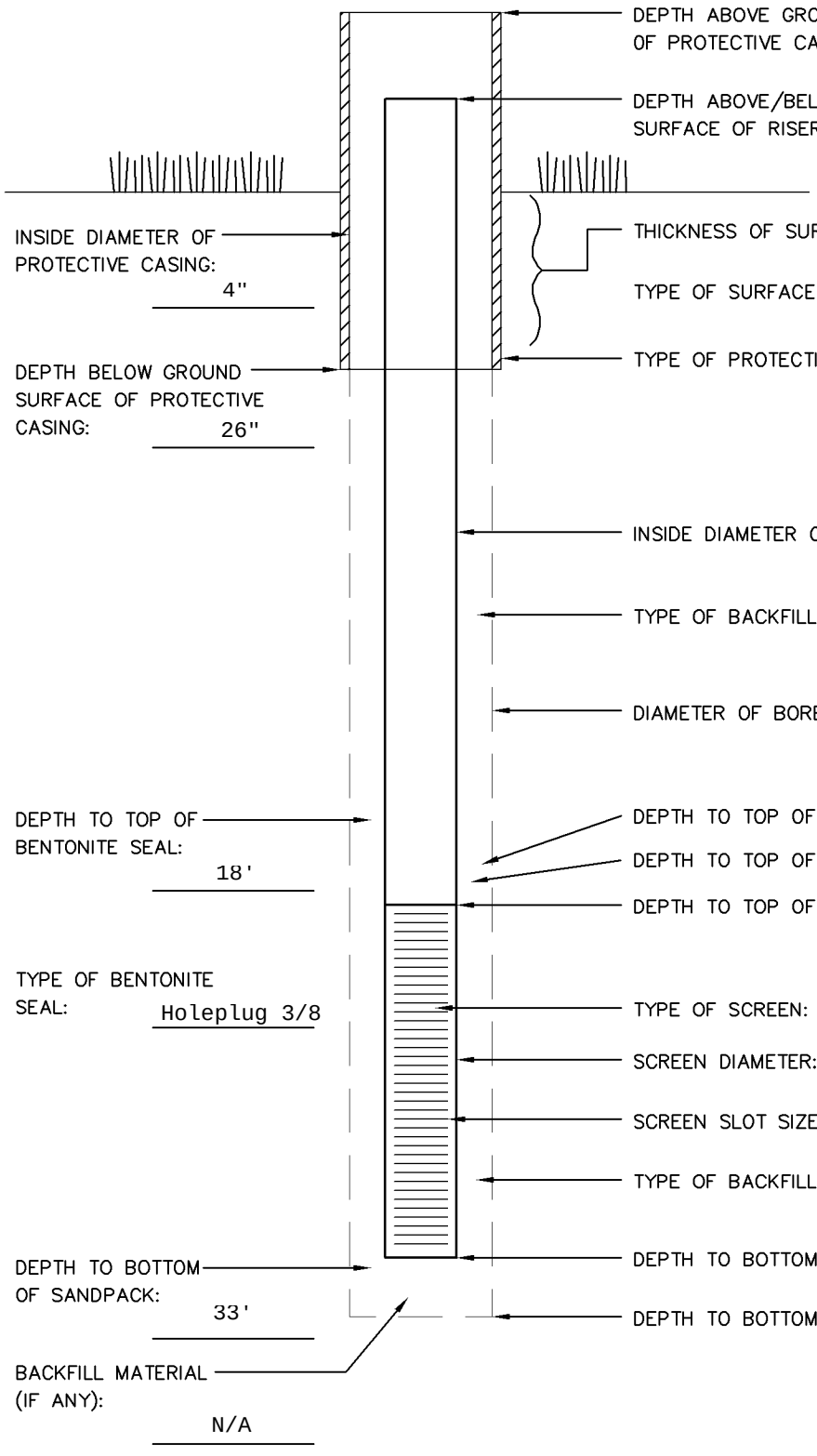
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW21B-07
WELL NO. OW21B-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 306.28 (TOC)
START DATE: 11/1/07
FINISH DATE: 11/2/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 34"

DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 31"

INSIDE DIAMETER OF PROTECTIVE CASING: 4"

THICKNESS OF SURFACE SEAL: 26"

TYPE OF SURFACE SEAL: Grout/Bentonite

TYPE OF PROTECTIVE CASING: STEEL

DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 26"

INSIDE DIAMETER OF RISER PIPE: 2"

TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite

DIAMETER OF BOREHOLE: 4 1/4"

DEPTH TO TOP OF BENTONITE SEAL: 18'

DEPTH TO TOP OF FINE SAND CHOKE: 20.5'

DEPTH TO TOP OF SAND PACK: 21'

DEPTH TO TOP OF SCREEN: 23'

TYPE OF BENTONITE SEAL: Holeplug 3/8

TYPE OF SCREEN: PVC

SCREEN DIAMETER: 2"

SCREEN SLOT SIZE: 0.010

TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand

DEPTH TO BOTTOM OF SANDPACK: 33'

DEPTH TO BOTTOM OF SCREEN: 33'

DEPTH TO BOTTOM OF BOREHOLE: 33'

BACKFILL MATERIAL (IF ANY): N/A

GWOBWELL 3/25/96

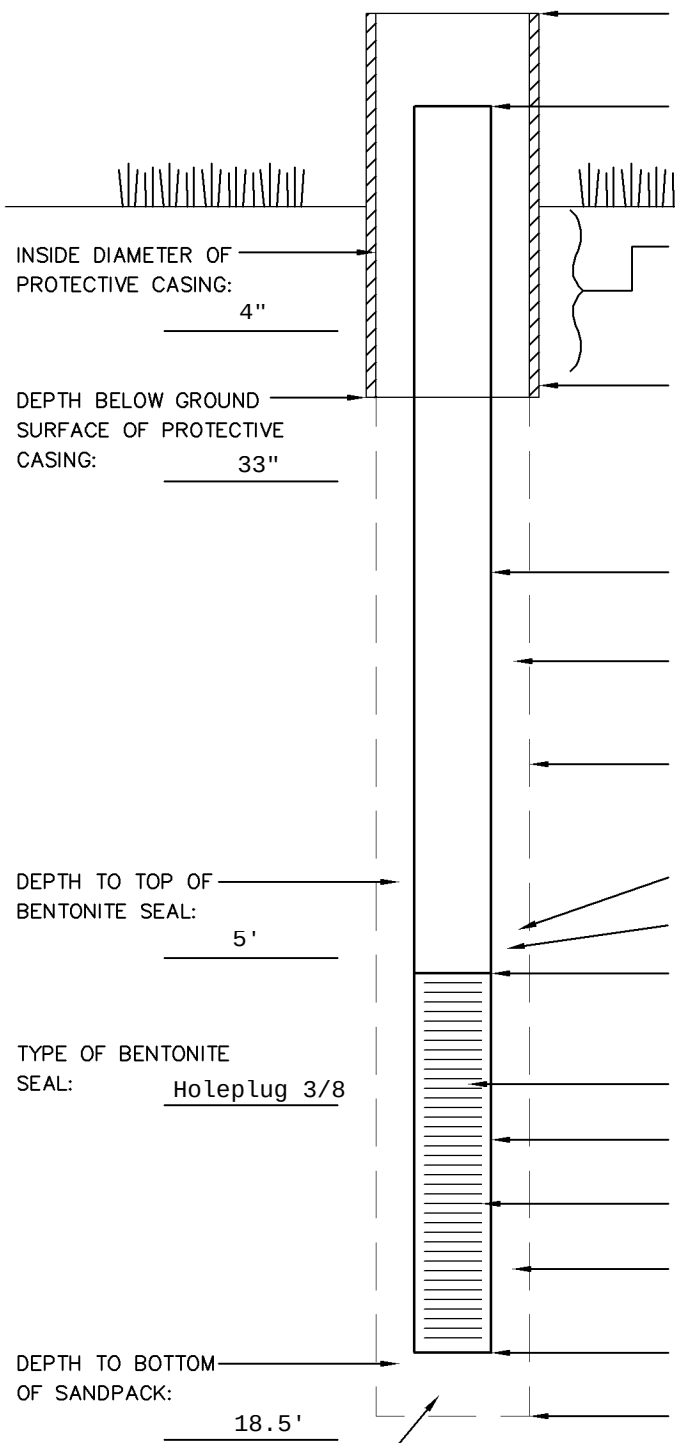
CLOUGH HARBOUR & ASSOCIATES LLP

GROUNDWATER OBSERVATION WELL REPORT

BORING NO. OW22-07
WELL NO. OW22-07

PROJECT & LOCATION: Congress Street Facility Remedial Investigation
CLIENT: SI Group, Inc.
CONTRACTOR: Aquifer Drilling and Testing

PROJECT NO.: 15091.2010.1102
SHEET NO.: 1 OF 1
ELEVATION: 304.59 (TOC)
START DATE: 10/25/07
FINISH DATE: 10/25/07
DRILLER: R. Buley
INSPECTOR: S. Newell



DEPTH ABOVE GROUND SURFACE OF PROTECTIVE CASING: 27"

DEPTH ABOVE/BELOW GROUND SURFACE OF RISER PIPE: 24"

INSIDE DIAMETER OF PROTECTIVE CASING: 4"

THICKNESS OF SURFACE SEAL: 33"

TYPE OF SURFACE SEAL: Grout/Bentonite

TYPE OF PROTECTIVE CASING: STEEL

DEPTH BELOW GROUND SURFACE OF PROTECTIVE CASING: 33"

INSIDE DIAMETER OF RISER PIPE: 2"

TYPE OF BACKFILL AROUND RISER PIPE: Grout/Bentonite

DIAMETER OF BOREHOLE: 4 1/4"

DEPTH TO TOP OF FINE SAND CHOKE: 6'

DEPTH TO TOP OF SAND PACK: 6.5'

DEPTH TO TOP OF BENTONITE SEAL: 5'

DEPTH TO TOP OF SCREEN: 8.5'

TYPE OF BENTONITE SEAL: Holeplug 3/8

TYPE OF SCREEN: PVC

SCREEN DIAMETER: 2"

SCREEN SLOT SIZE: 0.010

TYPE OF BACKFILL AROUND SCREEN: #0 Morie Sand

DEPTH TO BOTTOM OF SCREEN: 18.5'

DEPTH TO BOTTOM OF SANDPACK: 18.5'

DEPTH TO BOTTOM OF BOREHOLE: 30'

BACKFILL MATERIAL (IF ANY): Grout/Bentonite from 30' to 19'bgs, #0 Morie Sand from 19' to 18.5'bgs

GWOBWELL 3/25/96

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW15A-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Rosecrans/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/14/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 22.89 ft. (from TOC)
(2) Depth to Water: 15.20 ft. (from TOC)
(3) Column of Water: 7.69 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 1.25 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	6	7.5	9	10	12.5				
Time	10:45	10:52	11:02	11:15	11:27	12:02				
ORP/EH (mV)	343.4	323.6	320.8	297.8	293.1	264.0				
pH	7.24	7.66	7.70	7.84	7.76	7.59				
Cond. (MS/CM)	2150	2162	2022	2056	2099	2120				
Turbidity (NTU)	>1000	>1000	>1000	650	280	650				
D.O. (mg/L)	NM	NM	NM	NM	NM	NM				
Temperature (°C)	15.51	15.62	15.43	15.42	15.53	15.92				

Total Volume Purged: 12.5 gal. Total Purge Time: 90 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: Flow controller was used to regulate flow rate. At start of well development, water was silty and brown. Water showed improvement and became somewhat clear after purging approximately 9 gallons. At end of 90 mins of purging, water was somewhat clear. Turbidity did not get below 50 NTUs, so well was purged for 90 mins. Water had no sheen, no odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW15B-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Rosecrans/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/14/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 42 ft. (from TOC)
(2) Depth to Water: 27.85 ft. (from TOC)
(3) Column of Water: 14.15 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 2.33 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	7.5	10	12.5	15	20	25	30	40	
Time	12:30	12:40	12:47	12:54	1:01	1:10	1:20	1:30	1:40	
ORP/EH (mV)	261.1	277.7	288.8	278.7	291.1	301.4	294.9	288	283.7	
pH	7.65	7.65	7.63	7.77	7.68	7.62	7.67	7.68	7.65	
Cond. (MS/CM)	943	920	930	929	940	940	938	935	934	
Turbidity (NTU)	>1000	>1000	>1000	>1000	>1000	200	85	45	35	
D.O. (mg/L)	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Temperature (°C)	13.61	13.87	13.80	13.67	13.78	13.70	13.69	13.65	13.72	

Total Volume Purged: 40 gal. Total Purge Time: 80 mins

Sampling Information:

Sampling Method: N/A
No. of Bottles: N/A
Sampling Time: N/A
Sample Analyses: N/A

Comments: At start of well development, water was silty and brown. Water showed improvement and became somewhat clear after purging approximately 20 gallons. Flow controller was not used. At end of 80 mins of purging, water was very clear with turbidity below 50 NTUs, so purging was completed at that time. Water had no sheen, no odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW16A-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: R. Hall/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/16/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 19.75 ft. (from TOC)
(2) Depth to Water: 13.95 ft. (from TOC)
(3) Column of Water: 5.8 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 0.95 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15							
Time	10:20	10:25	10:35							
ORP/EH (mV)	-95.4	-83.3	-78.2							
pH	7.29	7.22	7.20							
Cond. (MS/CM)	2296	2298	2304							
Turbidity (NTU)	>1000	8.8	6.6							
D.O. (mg/L)	NM	NM	NM							
Temperature (°C)	15.15	15.63	15.53							

Total Volume Purged: 15 gal. Total Purge Time: 25 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: At start of well development, water was highly turbid and dark brown. Water showed improvement throughout purging, and after 15 gallons water was very clear with only 6.6 NTUs. Turbidity was below 50 NTUs, so purging was completed at 25 mins. Flow controller was used to regulate flow. Water had no sheen, slight solvent odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW16B-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: R. Hall/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/16/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 36.80 ft. (from TOC)
(2) Depth to Water: 18.65 ft. (from TOC)
(3) Column of Water: 18.15 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 2.96 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15	20	25	30	35			
Time	9:15	9:45	9:55	10:05	10:15	10:55	11:05			
ORP/EH (mV)	75.4	25	-17.7	-39.6	-21.9	-91.1	203.4			
pH	8.06	8.22	8.05	7.97	7.99	8.21	7.05			
Cond. (MS/CM)	651	645	644	646	642	675	686			
Turbidity (NTU)	>1000	>1000	>1000	>1000	>1000	>1000	>1000			
D.O. (mg/L)	NM	NM	NM	NM	NM	NM	NM			
Temperature (°C)	11.69	12.28	12.16	12.36	12.17	12.32	12.08			

Total Volume Purged: 35 gal. Total Purge Time: 105 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: At start of well development, water was highly turbid and brown. Water showed little improvement and was still relatively turbid after 105 minutes of purging, with turbidity remaining above 1000 NTUs. Flow controller was used to regulate flow, but after 7.5 gallons the pump stopped working. Well was purging using a bailer until 10:45, and then the pump was placed back in use. Water had no major sheen, slight solvent odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW17A-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Newell/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/15/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 20.30 ft. (from TOC)
(2) Depth to Water: 14.40 ft. (from TOC)
(3) Column of Water: 5.90 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 0.96 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other: (

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15	17	20	20.1	20.2			
Time	15:24	15:35	16:00	16:10	16:22	16:32	16:35			
ORP/EH (mV)	-87.5	-52.6	-45.6	-51.6	-50.8					
pH	7.56	7.57	7.59	7.62	7.62					
Cond. (MS/CM)	1992	1953	1971	1977	1981					
Turbidity (NTU)	>1000	591	919	121	65.9	26.0	24.5			
D.O. (mg/L)	NM	NM	NM	NM	NM					
Temperature (°C)	13.98	15.46	14.31	14.34	14.44					

Total Volume Purged: ~20 gal. Total Purge Time: 80 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: Flow controller was used to regulate flow rate. At start of well development, water was extremely silty and sandy. Water showed improvement throughout development. At end of 80 mins of purging, water was very clear. Turbidity was below 50 NTUs, so purging was completed at 80 mins. Well went dry frequently and was slow to recharge. Water had consistent sheen and strong odor. No effervescence. Orange/black colored product was visible in purge water at beginning of development. Pump and tubing was coated in orange/black sticky product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW17B-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Newell/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/15/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 34.40 ft. (from TOC)
(2) Depth to Water: 19.45 ft. (from TOC)
(3) Column of Water: 14.95 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 2.44 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15	20	25	30	35	40		
Time	14:15	14:20	14:28	14:34	14:40	14:50	14:56	15:03		
ORP/EH (mV)	1122	75.9	16.9	-5.7	-13.4	-19.1	-18.6	-18.8		
pH	7.56	7.53	7.60	7.65	7.63	7.74	7.70	7.69		
Cond. (MS/CM)	865	908	903	878	901	904	899	901		
Turbidity (NTU)	>1000	>1000	>1000	>1000	198	93.4	41.8	24.6		
D.O. (mg/L)	NM	NM	NM	NM	NM	NM	NM	NM		
Temperature (°C)	13.19	12.60	12.98	13.10	13.15	13.26	13.11	13.13		

Total Volume Purged: ~40 gal. Total Purge Time: 73 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: Flow controller was used to regulate flow rate. At start of well development, water was extremely silty and sandy. Water showed improvement throughout development. At end of 73 mins of purging, water was very clear. Turbidity was below 50 NTUs, so purging was completed at 73 mins. Water had no sheen, no effervescence, slight odor.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW18A-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Rosecrans/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/14/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 32.50 ft. (from TOC)
(2) Depth to Water: 21.00 ft. (from TOC)
(3) Column of Water: 11.5 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 1.87 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15	20	25	30	33			
Time	2:45	3:05	3:18	3:33	3:50	4:05	4:10			
ORP/EH (mV)	-73.3	-77.9	-80.6	-78.2	-87.9	-85.0	-83.1			
pH	7.30	7.58	7.65	7.80	7.73	7.68	7.69			
Cond. (MS/CM)	1358	1272	1278	1274	1275	1282	1276			
Turbidity (NTU)	>1000	176	128	82.1	95.4	71.2	81.0			
D.O. (mg/L)	NM	NM	NM	NM	NM	NM	NM			
Temperature (°C)	13.74	13.73	13.79	13.61	13.60	13.37	13.71			

Total Volume Purged: 33 gal. Total Purge Time: 90 mins

Sampling Information:

Sampling Method: N/A
No. of Bottles: N/A
Sampling Time: N/A
Sample Analyses: N/A

Comments: At start of well development, water was highly turbid and dark gray. Water showed improvement throughout purging, and after 15 gallons water was relatively clear. However, water never got below 50 NTUs so CHA purged for 90 minutes. Flow controller was used to regulate flow. Water had no sheen, slight solvent odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW18B-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Newell/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/15/2007
Project Number: 15091.2010.1102	Screen Length: 10

Purge Information:

(1) Depth to Bottom of Well: 46 ft. (from TOC)
(2) Depth to Water: 27.15 ft. (from TOC)
(3) Column of Water: 18.85 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 3.07 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other: (

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15	20	25	30				
Time	9:51	10:11	10:34	10:51	11:03	11:18				
ORP/EH (mV)	-50.6	-72.4	-75.2	-77.9	-76.8	-78.1				
pH	7.23	7.33	7.30	7.29	7.31	7.32				
Cond. (MS/CM)	963	930	936	940	937	934				
Turbidity (NTU)	>1000	>1000	>1000	>1000	>1000	>1000				
D.O. (mg/L)	NM	NM	NM	NM	NM	NM				
Temperature (°C)	11.90	12.76	12.92	12.99	12.95	12.91				

Total Volume Purged: 30 gal. Total Purge Time: 98 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: Flow controller was used to regulate flow rate. At start of well development, water was extremely silty and sandy. Continued purging with no signs of water quality improvement. At end of 98 mins of purging, water was still extremely turbid with high amounts of fine sand and silt. No sheen on water, no odor, no effervescence and no visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW19A-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Rosecrans/R. Hall
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/21/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 30.40 ft. (from TOC)
(2) Depth to Water: 17.07 ft. (from TOC)
(3) Column of Water: 13.33 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 2.17 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15	20						
Time	10:16	10:28	10:39	10:47						
ORP/EH (mV)	-77.1	-102.1	-102.3	-103.1						
pH	6.86	7.07	7.10	7.12						
Cond. (MS/CM)	1635	1607	1635	1606						
Turbidity (NTU)	>1000	130	117	44.5						
D.O. (mg/L)	NM	NM	NM	NM						
Temperature (°C)	15.70	16.20	15.64	16.40						

Total Volume Purged: 20 gal. Total Purge Time: 42 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: At start of well development, water was highly turbid and dark gray with thick black sediment when surged. Water showed improvement throughout purging. Water had no sheen, petroleum odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW19B-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Rosecrans/R. Hall
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/21/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 53.0 ft. (from TOC)
(2) Depth to Water: 29.02 ft. (from TOC)
(3) Column of Water: 23.98 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 3.9 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15	20	25	30	35	40		
Time	11:25	11:47	11:50	11:58	12:10	12:22	12:37	12:45		
ORP/EH (mV)	-74.6	-86.3	-91.1	-101.8	-102.1	-79.9	-107.8	-105.4		
pH	6.95	7.04	7.08	7.10	7.12	7.08	7.18	7.15		
Cond. (MS/CM)	1643	1634	1635	1600	1555	1473	1488	1489		
Turbidity (NTU)	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000		
D.O. (mg/L)	NM	NM	NM	NM	NM	NM	NM	NM		
Temperature (°C)	12.27	12.45	12.90	12.87	12.85	12.62	12.70	12.70		

Total Volume Purged: 40 gal. Total Purge Time: 90 mins

Sampling Information:

Sampling Method: N/A
No. of Bottles: N/A
Sampling Time: N/A
Sample Analyses: N/A

Comments: Water was highly turbid. Water never got below 50 NTUs, so CHA purged for 90 minutes. Water had no sheen, petroleum odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW20-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Rosecrans/R. Hall
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/21/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 20.10 ft. (from TOC)
(2) Depth to Water: 17.60 ft. (from TOC)
(3) Column of Water: 2.5 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 0.4 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	2	4	7							
Time	14:22	14:29	14:59							
ORP/EH (mV)	-11.8	-15.4	-50.3							
pH	7.32	7.57	7.39							
Cond. (MS/CM)	888	776	751							
Turbidity (NTU)	>1000	550	19.6							
D.O. (mg/L)	NM	NM	NM							
Temperature (°C)	14.46	14.65	14.84							

Total Volume Purged: 7 gal. Total Purge Time: 24 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: At start of well development, water was highly turbid. Water showed improvement throughout purging. Water had no sheen, solvent odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW21A-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Rosecrans/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/16/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 20.35 ft. (from TOC)
(2) Depth to Water: 16.93 ft. (from TOC)
(3) Column of Water: 3.42 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 0.56 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	13							
Time	12:45	13:15	13:20							
ORP/EH (mV)	85.3	-104.5	-94.5							
pH	6.78	7.32	7.14							
Cond. (MS/CM)	1469	1350	1461							
Turbidity (NTU)	330	340	33							
D.O. (mg/L)	NM	NM	NM							
Temperature (°C)	13.98	13.44	13.16							

Total Volume Purged: 13 gal. Total Purge Time: 50 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: At start of well development, water was highly turbid and brown to white/milky. Well was purged dry at 3 gallons and was surging. Water showed improvement towards end of purging. Turbidity was below 50 NTUs, so purging was completed at 50 mins. Water had no sheen, slight solvent odor, and slight effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW21B-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: R. Hall/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/16/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 34.80 ft. (from TOC)
(2) Depth to Water: 19.86 ft. (from TOC)
(3) Column of Water: 14.94 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 2.43 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	15	20	25					
Time	1:43	2:00	2:20	2:30	2:45					
ORP/EH (mV)	-90.6	-101.4	-94.7	-84.2	-62.4					
pH	7.31	7.81	7.84	7.79	7.88					
Cond. (MS/CM)	793	770	764	742	734					
Turbidity (NTU)	>1000	>1000	>1000	290	46.1					
D.O. (mg/L)	NM	NM	NM	NM	NM					
Temperature (°C)	11.24	11.90	11.74	12.15	11.84					

Total Volume Purged: 25 gal. Total Purge Time: 75 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: At start of well development, water was highly turbid and dark brown. Water showed improvement towards end of purging. Turbidity was below 50 NTUs, so purging was completed at 75 mins. Water had no sheen, slight solvent odor, and no effervescence. No visible product.

Clough, Harbour & Associates LLP **Well Sampling/Development Log**	**Sample/Well Designation:** OW22-07
Project Name: SI Group -- Congress Street Remedial Investigation	Logged By: S. Newell/J. Herrick
Project Location: Congress Street Facility, Schenectady, NY	Date: 11/15/2007
Project Number: 15091.2010.1102	Screen Length: 10'

Purge Information:

(1) Depth to Bottom of Well: 20.15 ft. (from TOC)
(2) Depth to Water: 13.20 ft. (from TOC)
(3) Column of Water: 6.95 ft. [(1) – (2)]
(4) Well Riser Diameter: 2 in.
(5) Volume Conversion: 0.163 gal./ft. (see below)
(6) 1 Well Volume: 1.13 gal. [(3) x (5)]

Method of Purging: ☐ WaTerra ☐ Bailer ☒ Submersible ☐ Other:

Volume Conversion: (gal./ft.)
2" = 0.163 4" = 0.653 6" = 1.469 8" 2.611 10" = 4.08

Field Analysis:

Volume Purged (gal.)	5	10	14	16	18					
Time	11:56	12:11	12:19	12:26	12:32					
ORP/EH (mV)	-6.4	10.2	14.6	15.9	15.5					
pH	7.28	7.23	7.26	7.25	7.26					
Cond. (MS/CM)	1120	1090	1079	1069	1072					
Turbidity (NTU)	223	>1000	40.9	35.1	24.2					
D.O. (mg/L)	NM	NM	NM	NM	NM					
Temperature (°C)	16.13	15.93	15.84	15.76	15.79					

Total Volume Purged: 18 gal. Total Purge Time: 42 mins

Sampling Information:

Sampling Method: N/A

No. of Bottles: N/A

Sampling Time: N/A

Sample Analyses: N/A

Comments: Flow controller was used to regulate flow rate. At start of well development, water was silty and with some fine sands. Water showed improvement throughout development. Turbidity was below 50 NTUs, so purging was completed at 42 mins. Water had no sheen, no effervescence and slight odor. No visible product.

TABLE D.1

SUMMARY OF PURGING PARAMETERS -- NOVEMBER 2007
Updated Remedial Investigation Report
SI Group, Inc.
Congress Street Facility
Schenectady, NY

Well I.D.	*Date*	*Purge Volume (gallons)*	*Volume Removed (gallons)*	*Temperature (°C)*	*pH*	*Conductivity (uS/cm)*	*Turbidity (NTU)*	*Water Quality*
OW-5A	29-Nov-07	4.00	1.5	11.95	6.49	939	87	Water was relatively clear, no odor, no sheen, no effervescence.
			3.0	11.76	6.76	908	75	
			4.0	11.85	7.04	905	126	
OW-5B	29-Nov-07	30.00	10.0	11.32	7.70	223	82	Water was slightly gray in color. No odor, no sheen and no effervescence.
			20.0	11.23	7.92	187	539	
			30.0	10.68	8.54	182	178	
OW-6A	29-Nov-07	3.50	1.0	13.05	8.28	681	46.9	MS/MSD taken here. Water was clear and colorless with no sheen, no odor, and no effervescence.
			2.0	12.92	7.04	705	188.0	
			3.5	12.67	8.35	705	71000	
OW-6B	29-Nov-07	15.00	10.0	10.95	8.64	195	15.7	Water was clear and colorless with no odor, no sheen, and no effervescence. Well dry at approximately 15 gallons.
			15.0	10.93	9.34	206	458	
OW-7A	29-Nov-07	4.60	1.5	11.97	6.84	1047	4.9	Duplicate (CHA-3) taken here. Water was clear and colorless, with a strong creosol/solvent odor, no sheen and some effervescence.
			3.0	12.17	6.62	1067	8.3	
			4.6	12.06	6.59	1086	7.50	
OW-7B	29-Nov-07	32.00	10.5	10.80	8.05	234	27.6	Water was clear and colorless with no odor, no sheen and no effervescence.
			21.0	11.22	7.30	229	4.0	
			32.0	11.08	7.88	222	11.8	
OW8A	28-Nov-07	3.00	2.0	11.20	7.53	1461	5.6	Water was clear but very black in color with suspended particles. Had no odor, no sheen, and no effervescence. Well dry @ approximately 3 gallons.
OW8B	28-Nov-07	31.00	10.0	10.39	8.38	169	31	Water was turbid and black in color at first but then cleared. Slight creosol odor with no sheen and no effervescence.
			20.0	9.51	8.45	164	45	
			31.0	9.26	8.73	159	75	
OW9A	28-Nov-07	4.50	1.5	9.32	7.88	1569	71000	Water was very turbid with no sheen, no odor and no effervescence. Highly rock floc.
			3.0	9.3	7.51	1572	850	
			4.5	9.55	7.36	1521	71000	
OW9B	28-Nov-07	31.00	10.0	9.88	9.46	188	71000	Water had a green/black tint and was turbid. Had no sheen, no odor and no effervescence.
			20.0	10.1	9.33	172	71000	
			31.0	9.9	8.99	171	672	
OW11	28-Nov-07	2.00	1.0	13.92	7.63	1132	71000	Water was very turbid with a lot of sand. Had a solvent odor with no effervescence and slight sheen at the start. Had a thick sludge, well went dry at approximately 2 gallons.
			1.5	13.36	7.12	1160	71000	

TABLE D.1

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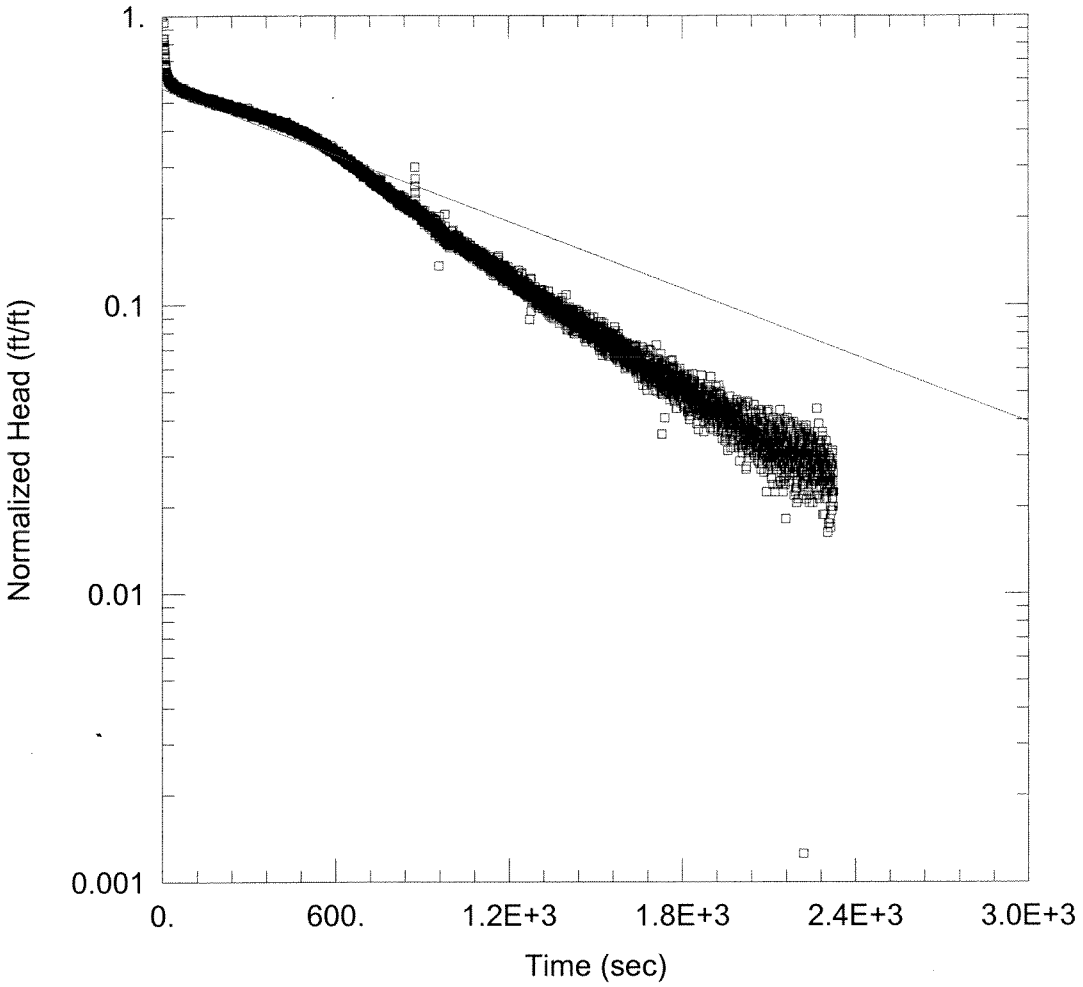
Well I.D.	*Date*	*Purge Volume (gallons)*	*Volume Removed (gallons)*	*Temperature (°C)*	*pH*	*Conductivity (uS/cm)*	*Turbidity (NTU)*	*Water Quality*
OW12	28-Nov-07	3.00	1.0	13.25	7.64	1004	750	Water was turbid, cloudy, and rusty orange in color with suspended particles. No odor, no sheen, no effervescence. Evidence of roct penetration in well.
			2.0	13.53	7.69	1127	950	
			3.0	13.44	7.73	998	900	
OW13-94	28-Nov-07	3.00	1.0	11.33	7.59	756	120	Water was clear at first then became turbid, cloudy, and orange in color w/ suspended particles. Slight organic odor with no sheen & no effervescence.
			2.0	11.73	7.61	762	550	
			3.0	11.8	7.63	765	450	
OW15A	27-Nov-07	4.00	1.5	14.96	7.16	2137	750	Water was clear at beginning of purging, then became turbid, cloudy and brown in color. Water had no odor, no sheen, and no effervescence. Well was going dry during purging.
			3.0	15.10	7.32	2155	71000	
			4.0	14.40	7.12	2037	71000	
OW15B	27-Nov-07	7.00	2.5	13.25	7.54	939	71000	Water was very turbid with brown sediment. Water had no sheen, no effervescence, and no odor. MS/MSD was taken here.
			5.0	13.25	7.58	914	71000	
			7.0	13.12	7.65	924	71000	
OW16A	27-Nov-07	3.00	1.0	14.60	7.16	2342	310	
			2.0	15.35	7.21	2307	298	Water was clear at beginning of purging, then became turbid and cloudy with a brownish color. Slight solvent odor, with no sheen and slight effervescence.
			3.0	15.35	7.25	2309	460	
OW16B	27-Nov-07	9.00	3.0	12.50	7.64	665	776	Water had gray / brown sediment with no odor, no sheen, and no effervescence.
			6.0	12.40	7.72	653	71000	
			9.0	12.32	7.8	652	71000	
OW17A	27-Nov-07	3.50	1.5	14.76	7.67	1668	800	Water was cloudy gray/white with a strong odor and sheen, and no effervescence. A black 6 inch product was on surface of water.
			2.5	15.13	7.62	1850	495	
			3.5	14.92	7.53	1908	90.2	
OW17B	27-Nov-07	7.50	2.5	13.53	8.18	911	71000	Water was turbid with a brown sediment. Had no sheen, no effervescence and no odor.
			5.0	13.61	8.02	915	71000	
			7.5	13.58	7.91	922	71000	
OW18A	27-Nov-07	5.50	2.0	13.06	7.55	1236	190	Water was clear at first then became turbid and a cloudy gray/white. Had a creosol odor with no sheen and no effervescence.
			4.0	13.10	7.56	1244	550	
			5.5	13.15	7.42	1313	71000	
OW18B	27-Nov-07	9.50	3.5	12.73	7.57	893	71000	Water was turbid and brown in color. Had no odor, no sheen and no effervescence.
			7.0	12.71	7.57	797	71000	
			9.5	12.68	7.62	866	71000	
OW19A	27-Nov-07	7.00	2.5	15.31	7.18	1536	750	
			5.0	15.49	7.15	1538	650	Water was clear at first then became turbid and cloudy with a black/brown color. Had a slight solvent odor, no sheen and slight effervescence. Fine black silt as sediment. CHA-4 Duplicate was taken here.
			7.0	15.85	7.19	1517	360	

TABLE D.1

SUMMARY OF PURGING PARAMETERS -- NOVEMBER 2007
Updated Remedial Investigation Report
SI Group, Inc.
Congress Street Facility
Schenectady, NY

Well I.D.	*Date*	*Purge Volume (gallons)*	*Volume Removed (gallons)*	*Temperature (°C)*	*pH*	*Conductivity (uS/cm)*	*Turbidity (NTU)*	*Water Quality*
OW19B	27-Nov-07	12.00	4.0	12.23	7.17	1636	71000	Water was turbid brown with sediment. Had no odor, no sheen, and no effervescence.
			8.0	12.42	7.17	1607	71000	
			12.0	12.32	7.16	1593	71000	
OW20	27-Nov-07	1.50	0.5	13.85	7.34	969	55	Water was relatively clear and odorless with a slight solvent/paint odor. Had no sheen and slight effervescence.
			1.0	14.38	7.31	907	30	
			1.5	14.28	7.33	861	85	
OW21A	27-Nov-07	2.00	0.6	13.44	7.3	1575	75	Water was relatively clear with a slight amber color. Slight solvent gasoline odor, had no sheen and no effervescence. Orange suspended particles.
			1.5	13.75	7.25	1585	40	
			2.0	13.73	7.19	1514	65	
OW21B	27-Nov-07	7.50	2.5	12.78	7.49	727	71000	Water was turbid and cloudy with a dark brown color. Had a lot of fine silt (sediment) with no odor, no sheen, and no effervescence.
			5.0	12.64	7.44	713	71000	
			7.5	12.62	7.58	694	71000	
OW22	27-Nov-07	4.00	1.5	16.35	7.24	1125	800	Water was turbid with a brown sediemnt. Had a slight odor. Installed one bailer and a 18 foot rope.
			3.0	16.58	7.15	1108	71000	
			4	16.47	7.11	1085	71000	
WW-1	30-Nov-07	NM	NM	14.54	7.24	1148	9.6	Water had a black tint with a slight odor. No sheen and slight effervescence.
PW-1	30-Nov-07	NM	NM	NM	NM	NM	NM	No sample collected, PW-1 pump not operating.
PW-2	30-Nov-07	NM	NM	12.48	6.72	1084	49.2	Water had a strong odor with no sheen and was highly effervescent.
PW-3	30-Nov-07	NM	NM	15.13	6.87	1608	11.4	Water had a black tint and was highly effervescent with no sheen and a strong odor.
PW-4	30-Nov-07	NM	NM	12.93	7.05	1591	17	Water had a reddish - orange tint with a slight odor. Had slight effervescence and no sheen.

Note:
NM = No measurement



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-15A Rising.aqt
Date: 01/31/08 Time: 14:11:39

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-15A
Test Date: 12/3/07

AQUIFER DATA

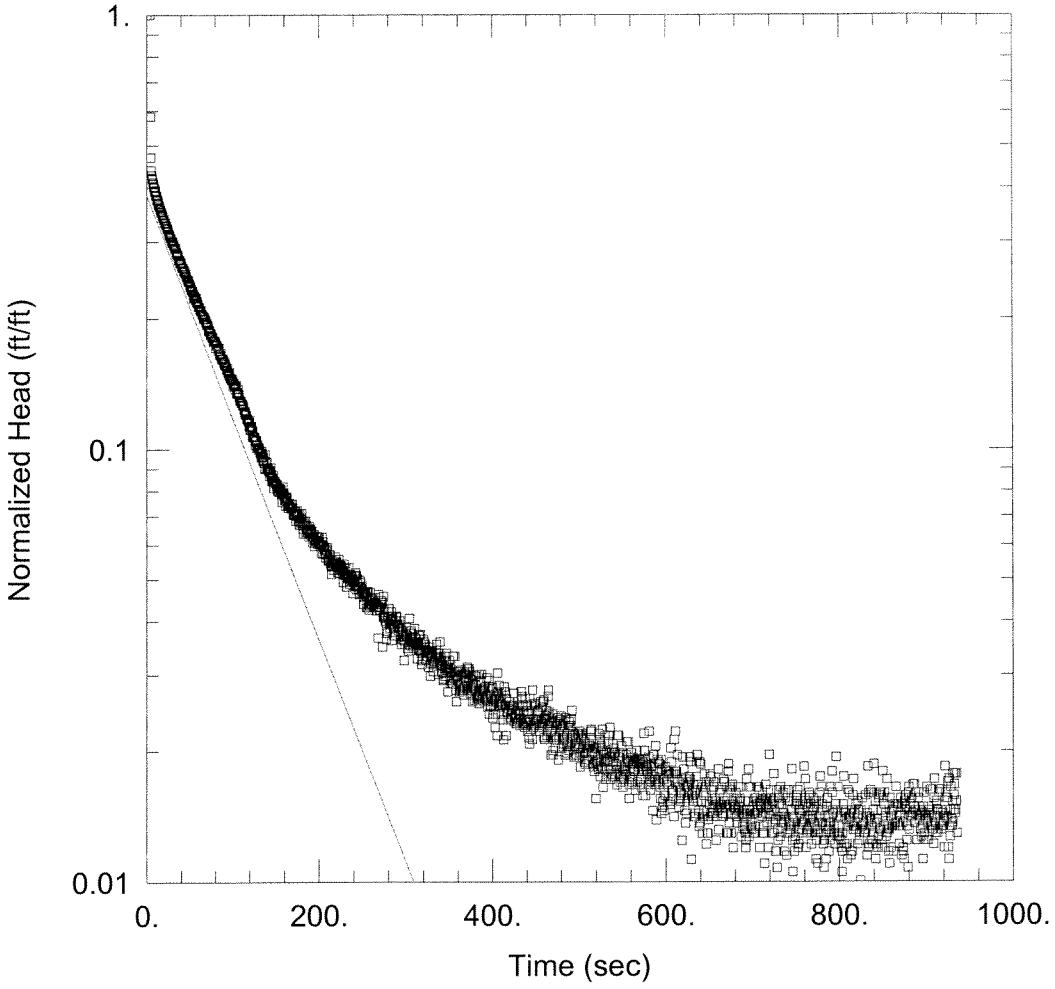
Saturated Thickness: 7.58 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-15A)

Initial Displacement: 1.6 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.08 ft
Static Water Column Height: 7.58 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 2.228E-5 cm/sec
y0 = 0.8959 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-15b Rising.aqt
Date: 01/31/08 Time: 14:11:53

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-15B
Test Date: 12/3/07

AQUIFER DATA

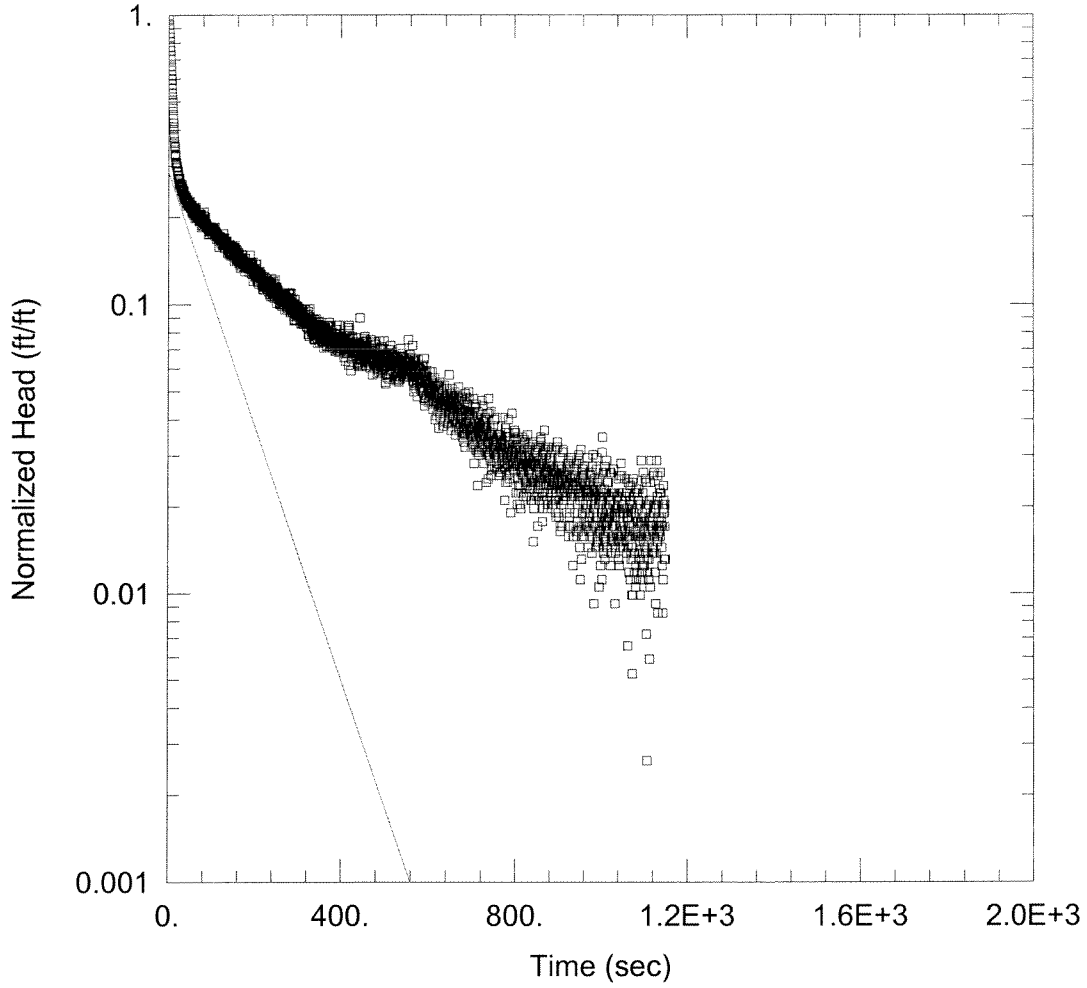
Saturated Thickness: 7.58 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-15B)

Initial Displacement: 4.185 ft
Total Well Penetration Depth: 15.6 ft
Casing Radius: 0.08 ft
Static Water Column Height: 7.58 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
K = 0.0003283 cm/sec
Solution Method: Bouwer-Rice
y0 = 1.609 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-16A Rising.aqt
Date: 01/31/08 Time: 14:12:07

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-16A
Test Date: 12/3/07

AQUIFER DATA

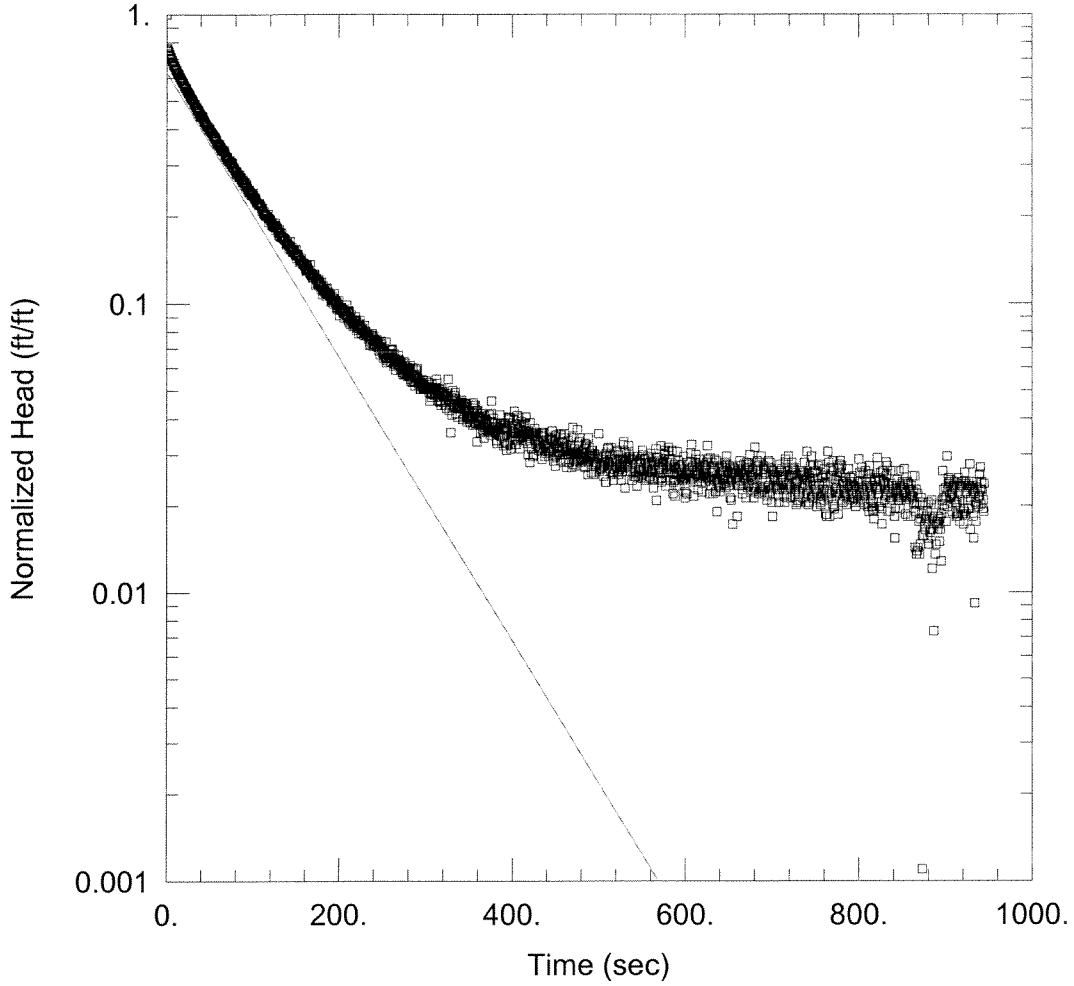
Saturated Thickness: 6.3 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-16A)

Initial Displacement: 1.523 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.08 ft
Static Water Column Height: 6.3 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0002544 cm/sec
y0 = 0.437 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-16b Rising 1.aqt
Date: 01/31/08 Time: 14:08:27

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-16B
Test Date: 12/3/07

AQUIFER DATA

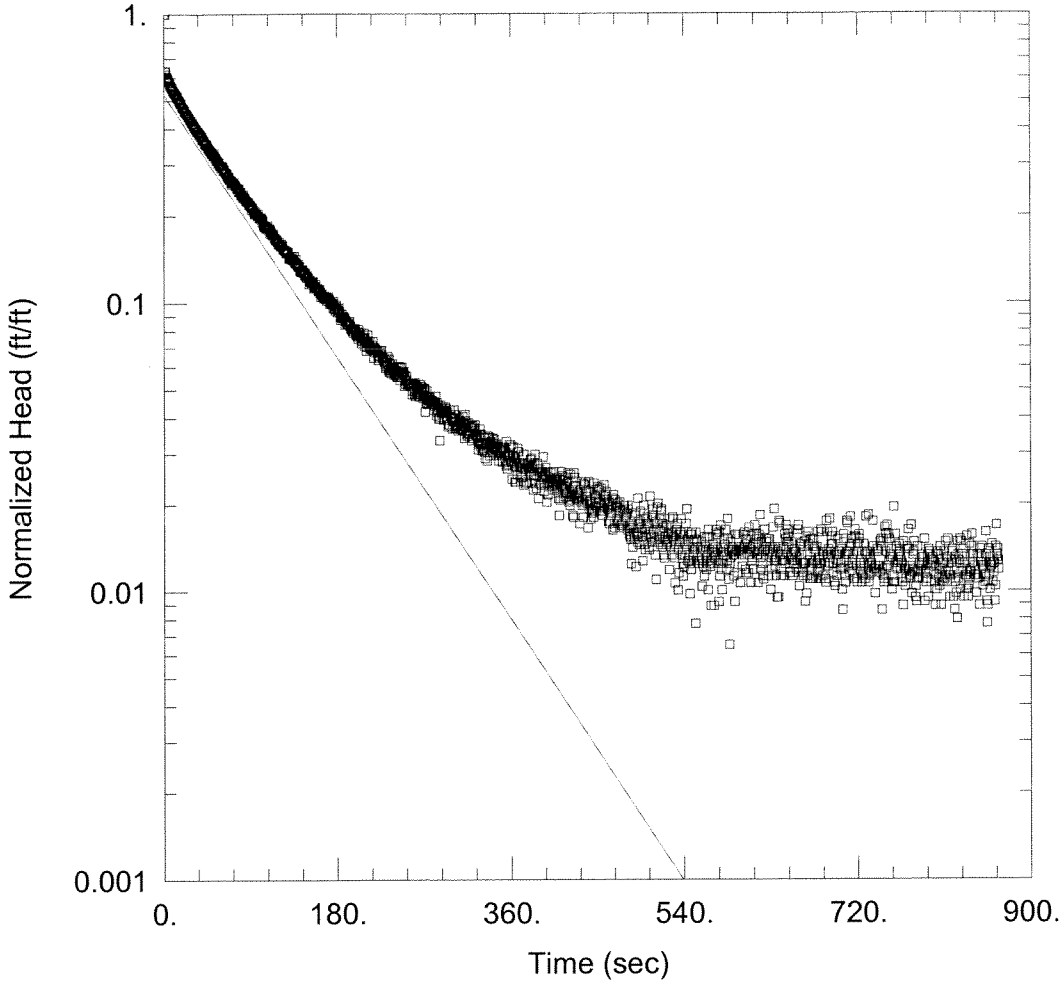
Saturated Thickness: 21.1 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-16B)

Initial Displacement: 2.732 ft
Total Well Penetration Depth: 21.1 ft
Casing Radius: 0.08 ft
Static Water Column Height: 21.1 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0003348 cm/sec
y0 = 1.72 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-16b Rising 2.aqt
Date: 01/31/08 Time: 14:08:20

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-16B
Test Date: 12/3/07

AQUIFER DATA

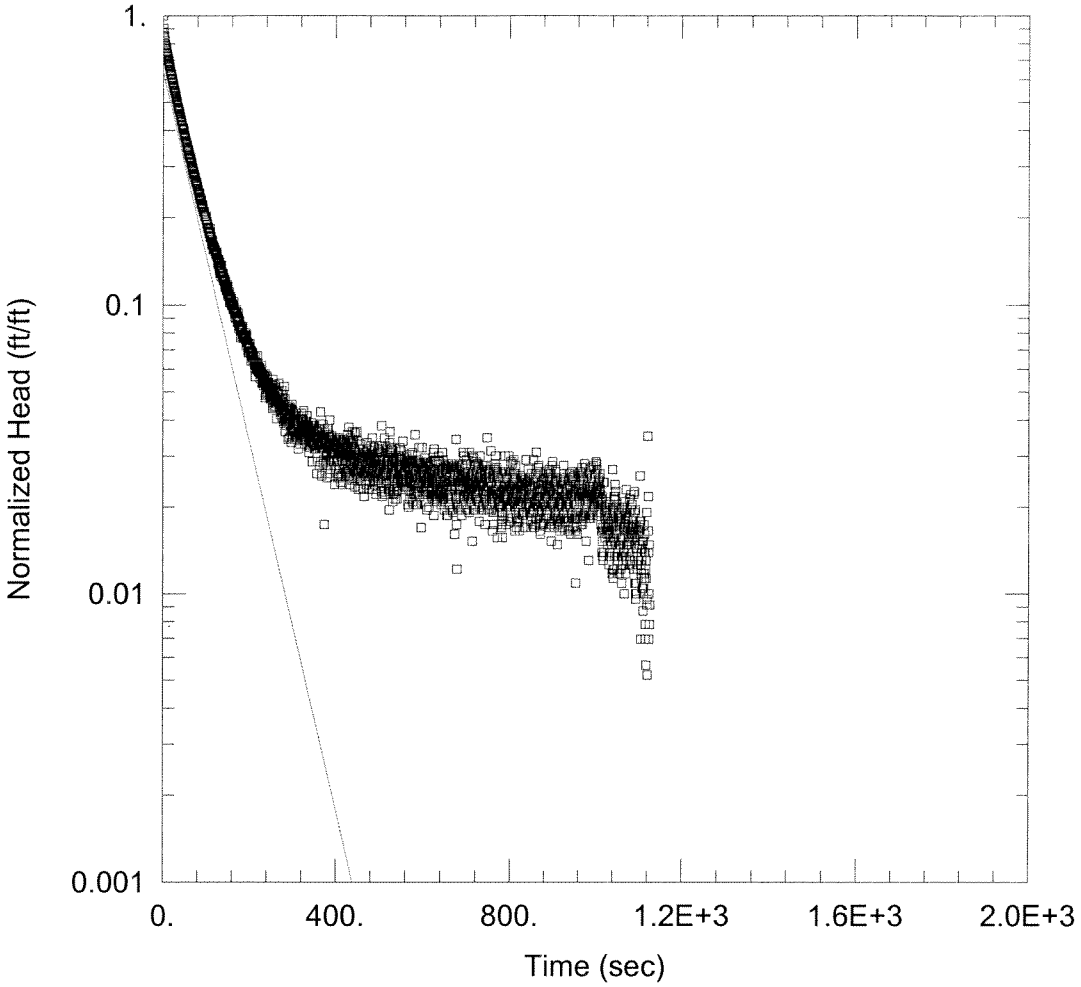
Saturated Thickness: 21.1 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-16B)

Initial Displacement: 3.382 ft
Total Well Penetration Depth: 21.1 ft
Casing Radius: 0.08 ft
Static Water Column Height: 21.1 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
K = 0.0003435 cm/sec
Solution Method: Bouwer-Rice
y0 = 1.775 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-17b Rising 1.aqt
Date: 01/31/08 Time: 14:07:58

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-17B
Test Date: 12/3/07

AQUIFER DATA

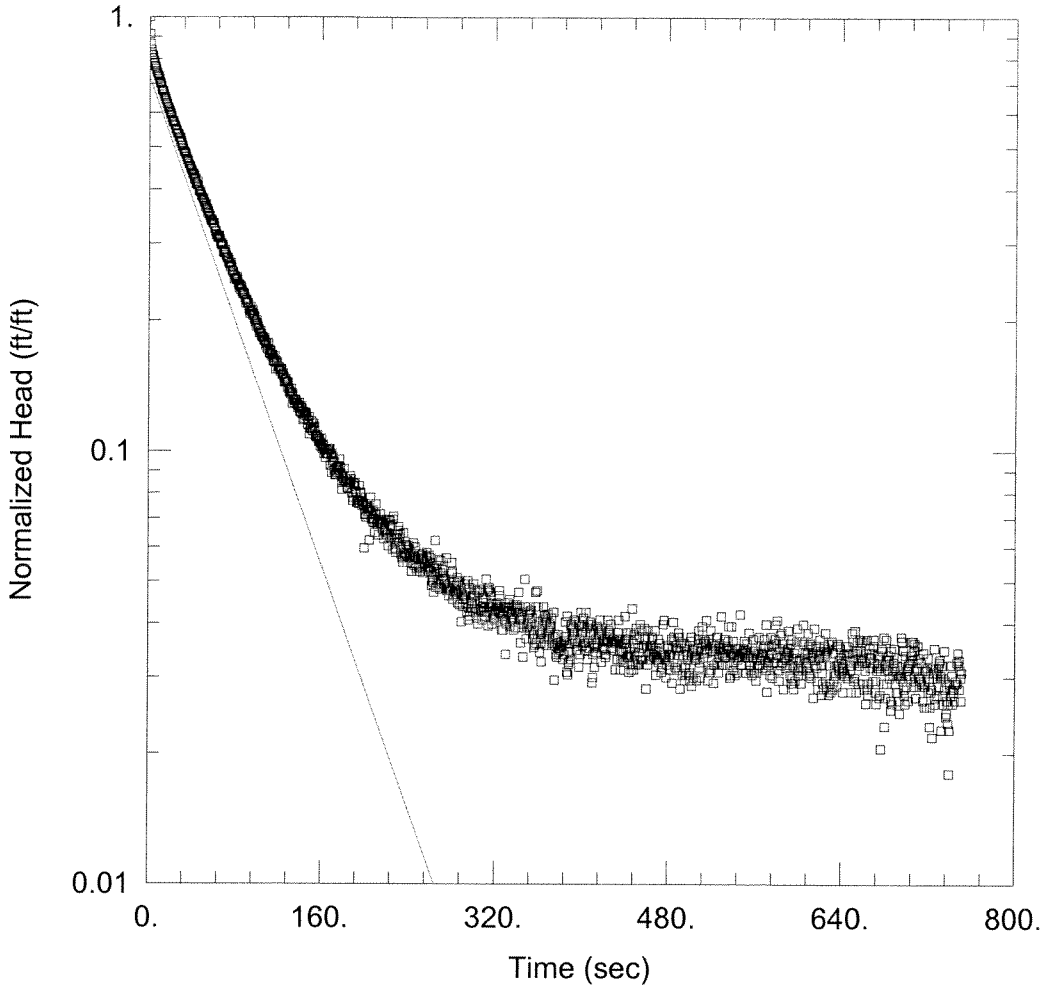
Saturated Thickness: 16. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-17B)

Initial Displacement: 2.302 ft
Total Well Penetration Depth: 16. ft
Casing Radius: 0.08 ft
Static Water Column Height: 16. ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0004115 cm/sec
y0 = 1.474 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-17b Rising 2.aqt
Date: 01/31/08 Time: 14:07:53

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-17B
Test Date: 12/3/07

AQUIFER DATA

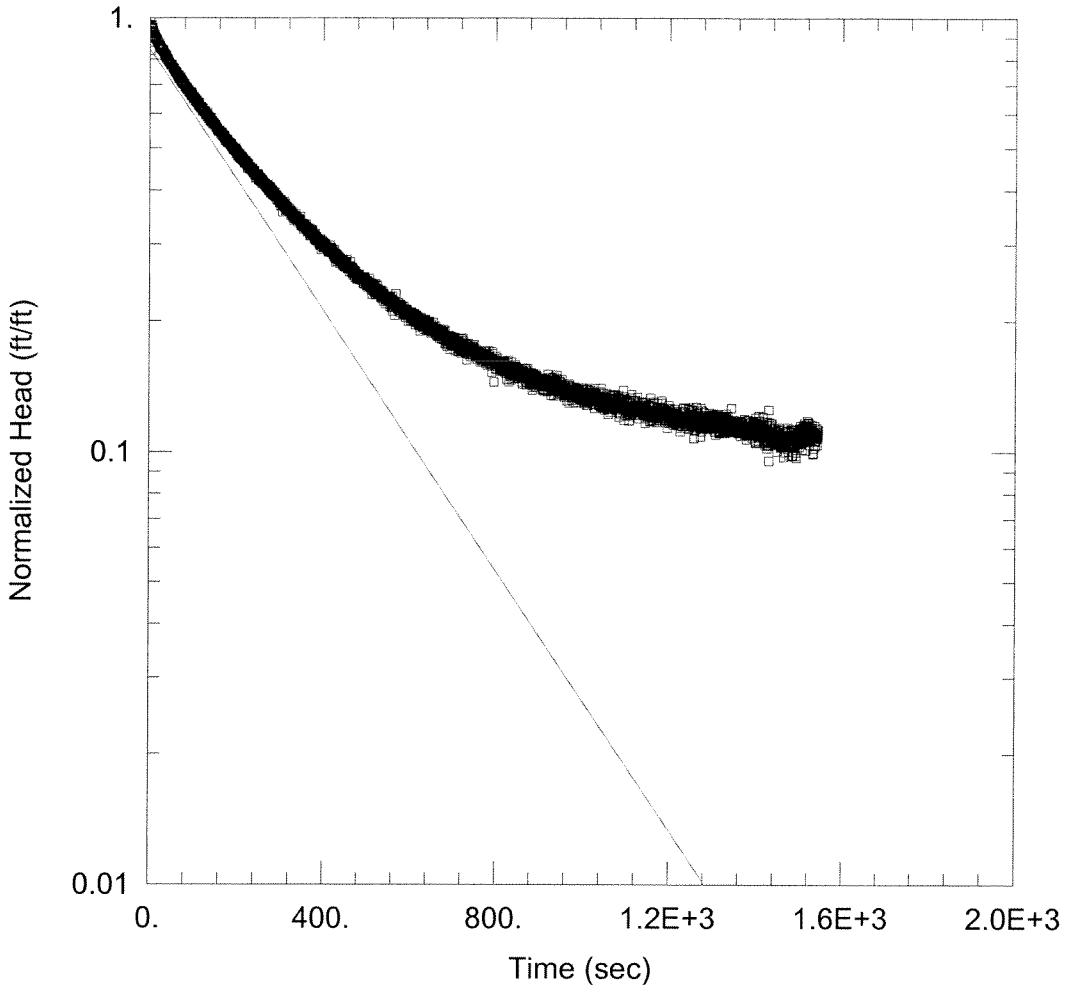
Saturated Thickness: 16. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-17B)

Initial Displacement: 2.333 ft
Total Well Penetration Depth: 16. ft
Casing Radius: 0.08 ft
Static Water Column Height: 16. ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
K = 0.0004517 cm/sec
Solution Method: Bouwer-Rice
y0 = 1.687 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-18A Rising.aqt
Date: 01/31/08 Time: 14:07:43

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-18A
Test Date: 12/3/07

AQUIFER DATA

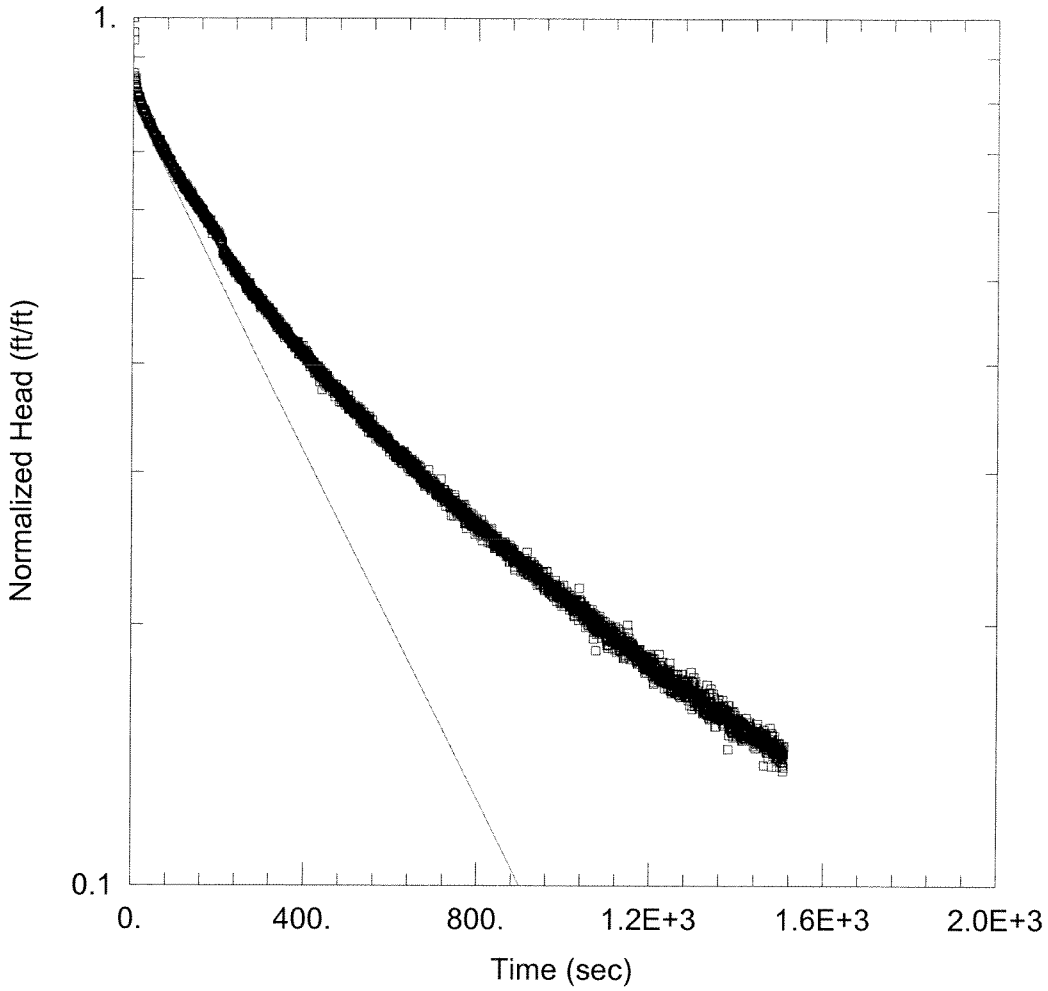
Saturated Thickness: 11.9 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-18A)

Initial Displacement: 1.982 ft
Total Well Penetration Depth: 11.9 ft
Casing Radius: 0.08 ft
Static Water Column Height: 11.9 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 9.053E-5 cm/sec
y0 = 1.672 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-18b Rising.aqt
Date: 01/31/08 Time: 14:07:33

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-18B
Test Date: 12/3/07

AQUIFER DATA

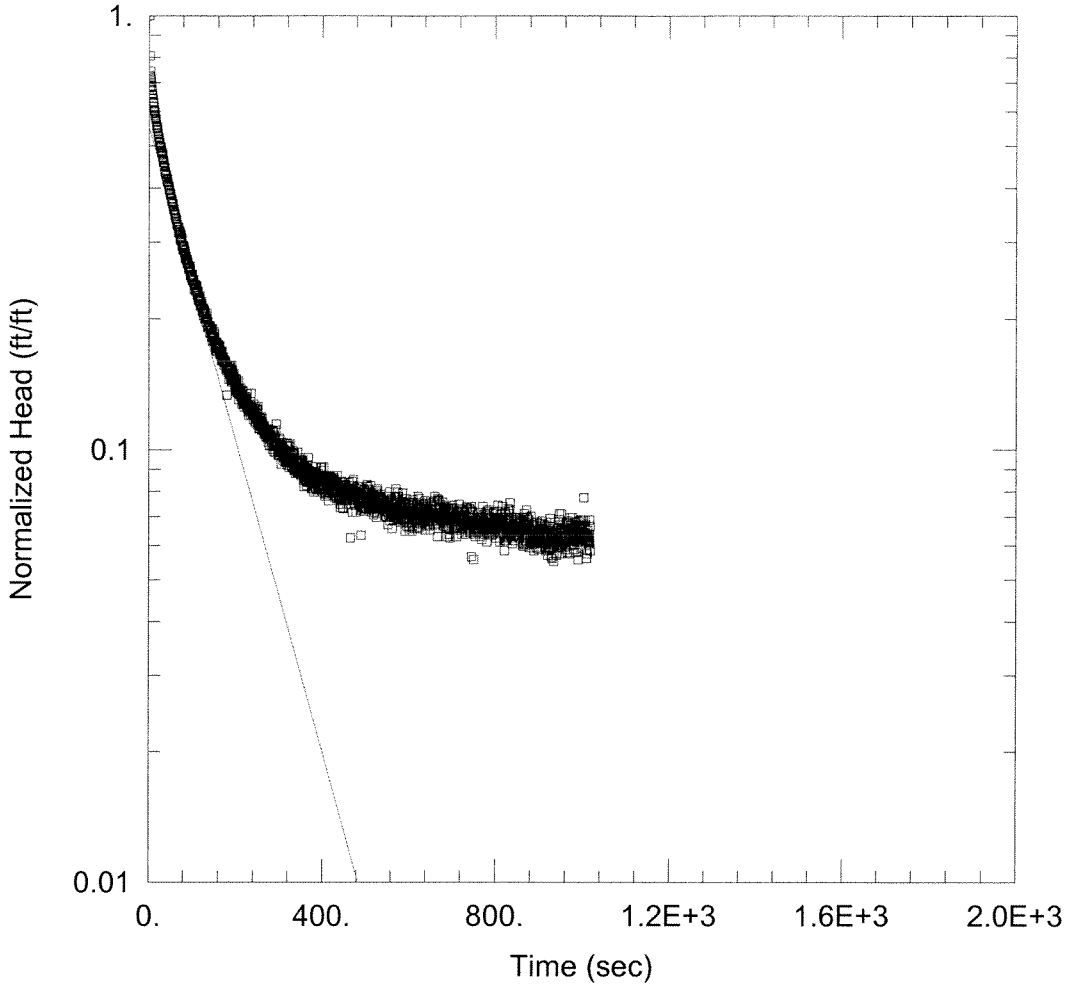
Saturated Thickness: 21.8 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-18B)

Initial Displacement: 2.345 ft
Total Well Penetration Depth: 21.8 ft
Casing Radius: 0.08 ft
Static Water Column Height: 21.8 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 6.852E-5 cm/sec
y0 = 1.863 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-19A Rising.aqt
Date: 01/31/08 Time: 14:07:23

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-19A
Test Date: 12/3/07

AQUIFER DATA

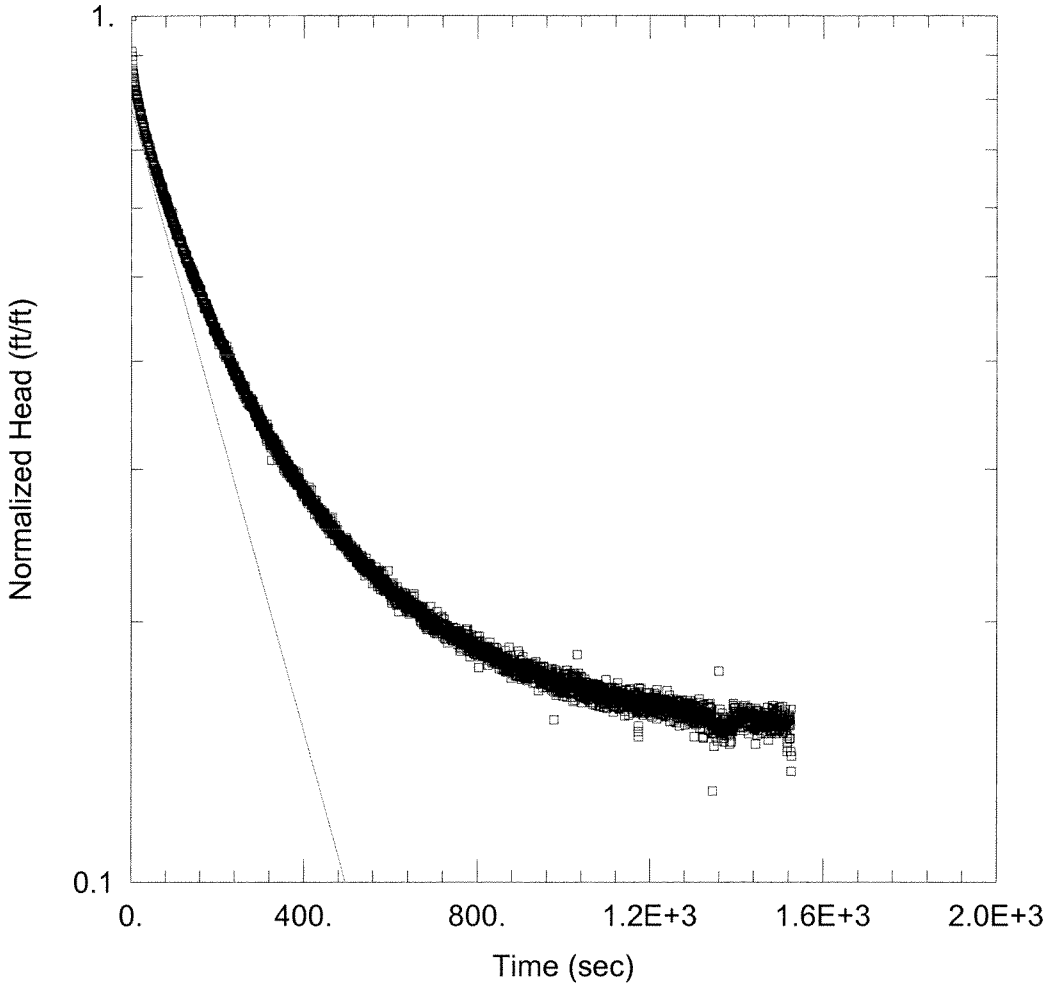
Saturated Thickness: 12.9 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-19A)

Initial Displacement: 2.193 ft
Total Well Penetration Depth: 12.9 ft
Casing Radius: 0.08 ft
Static Water Column Height: 12.9 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0002213 cm/sec
y0 = 1.21 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-19b Rising.aqt
Date: 01/31/08 Time: 14:21:56

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-19B
Test Date: 12/3/07

AQUIFER DATA

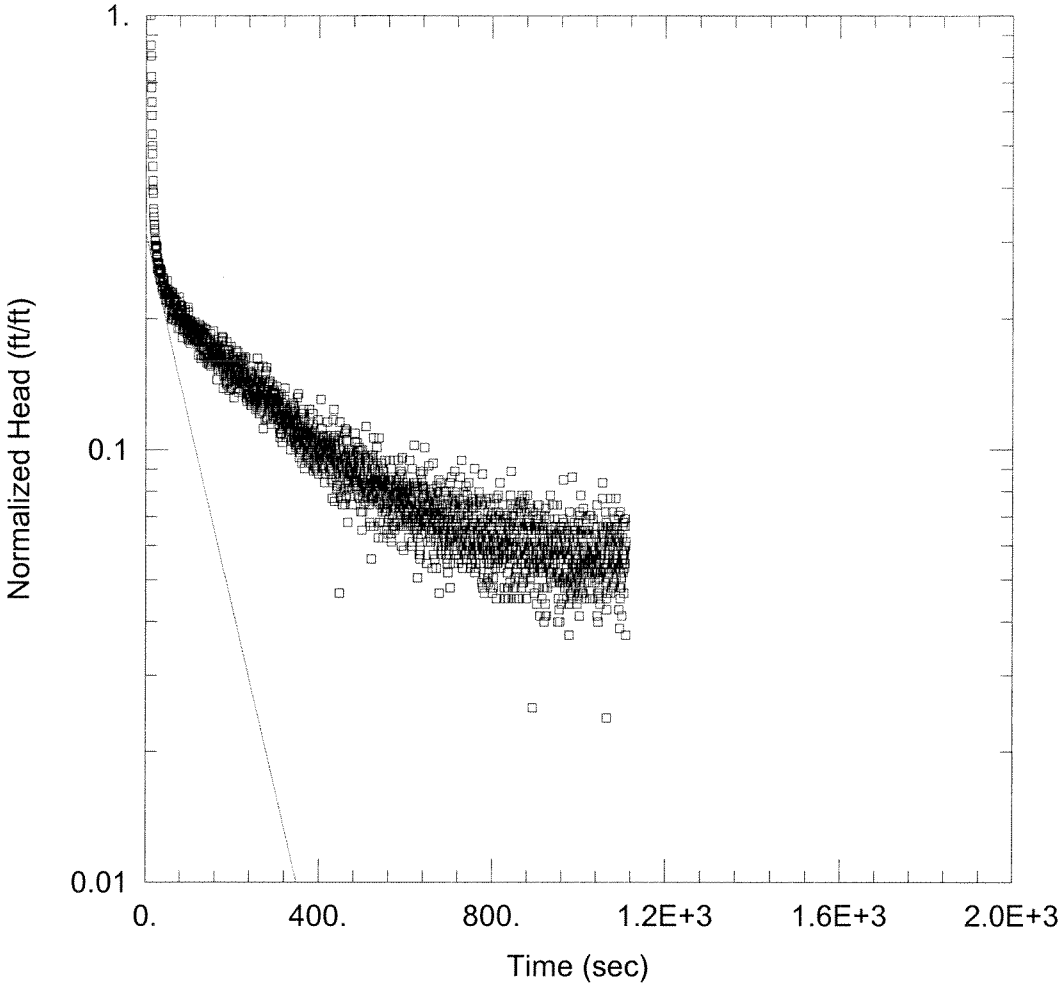
Saturated Thickness: 23.7 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-19B)

Initial Displacement: 2.489 ft
Total Well Penetration Depth: 23.7 ft
Casing Radius: 0.08 ft
Static Water Column Height: 23.7 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0001253 cm/sec
y0 = 1.95 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-20 Rising 1.aqt
Date: 01/31/08 Time: 14:07:07

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-20
Test Date: 12/3/07

AQUIFER DATA

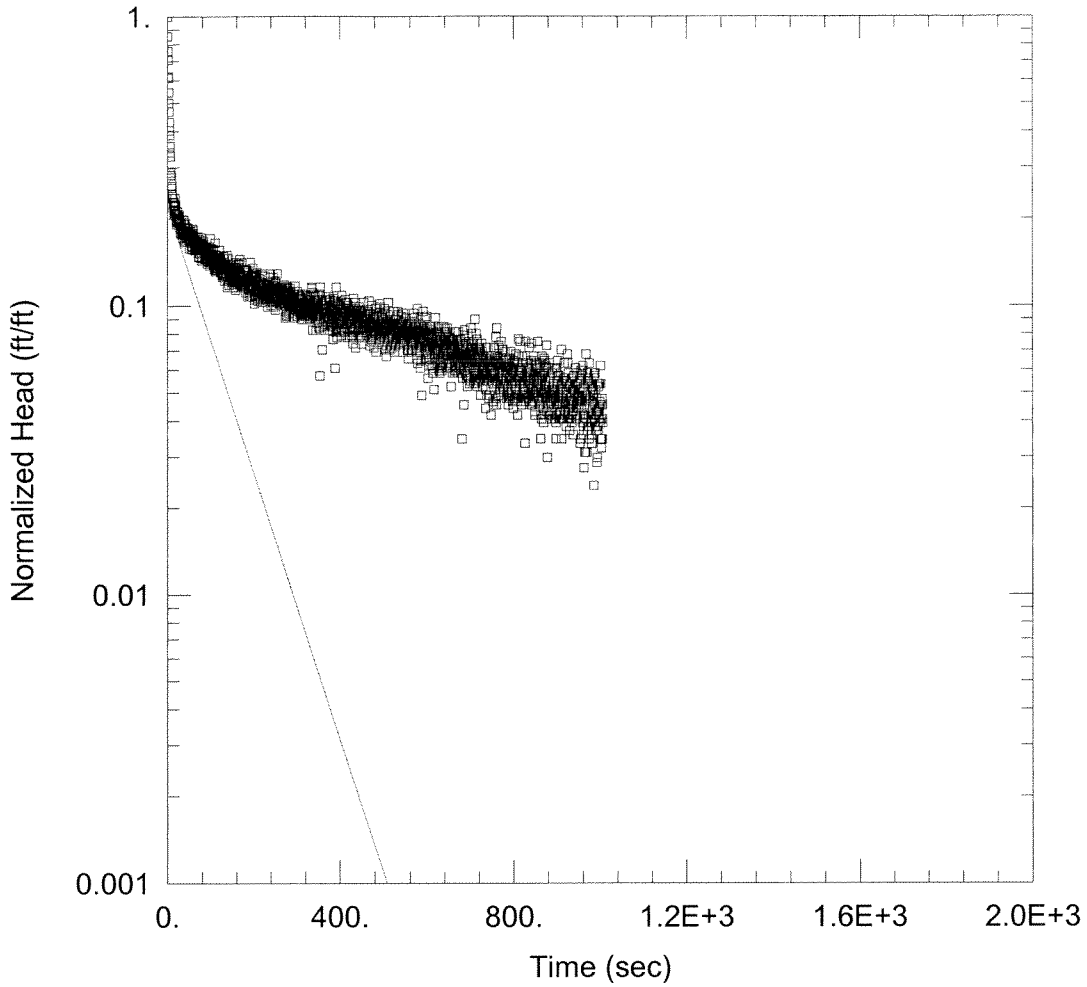
Saturated Thickness: 2.3 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-20)

Initial Displacement: 0.752 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.08 ft
Static Water Column Height: 2.3 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0002487 cm/sec
y0 = 0.2375 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-20 Rising 2.aqt
Date: 01/31/08 Time: 14:07:03

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-20
Test Date: 12/3/07

AQUIFER DATA

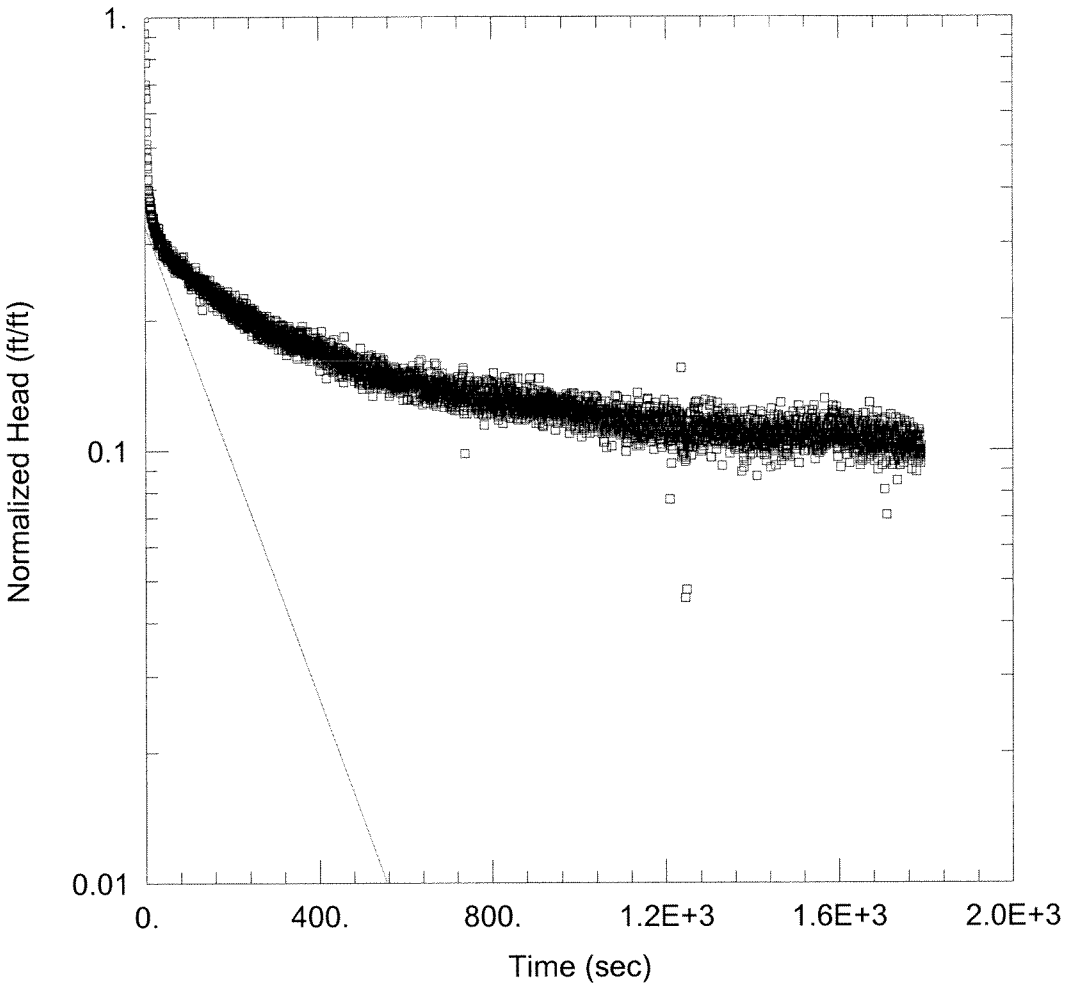
Saturated Thickness: 2.3 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-20)

Initial Displacement: 0.837 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.08 ft
Static Water Column Height: 2.3 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0002668 cm/sec
y0 = 0.1839 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-21A Rising.aqt
Date: 01/31/08 Time: 14:06:53

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-21A
Test Date: 12/3/07

AQUIFER DATA

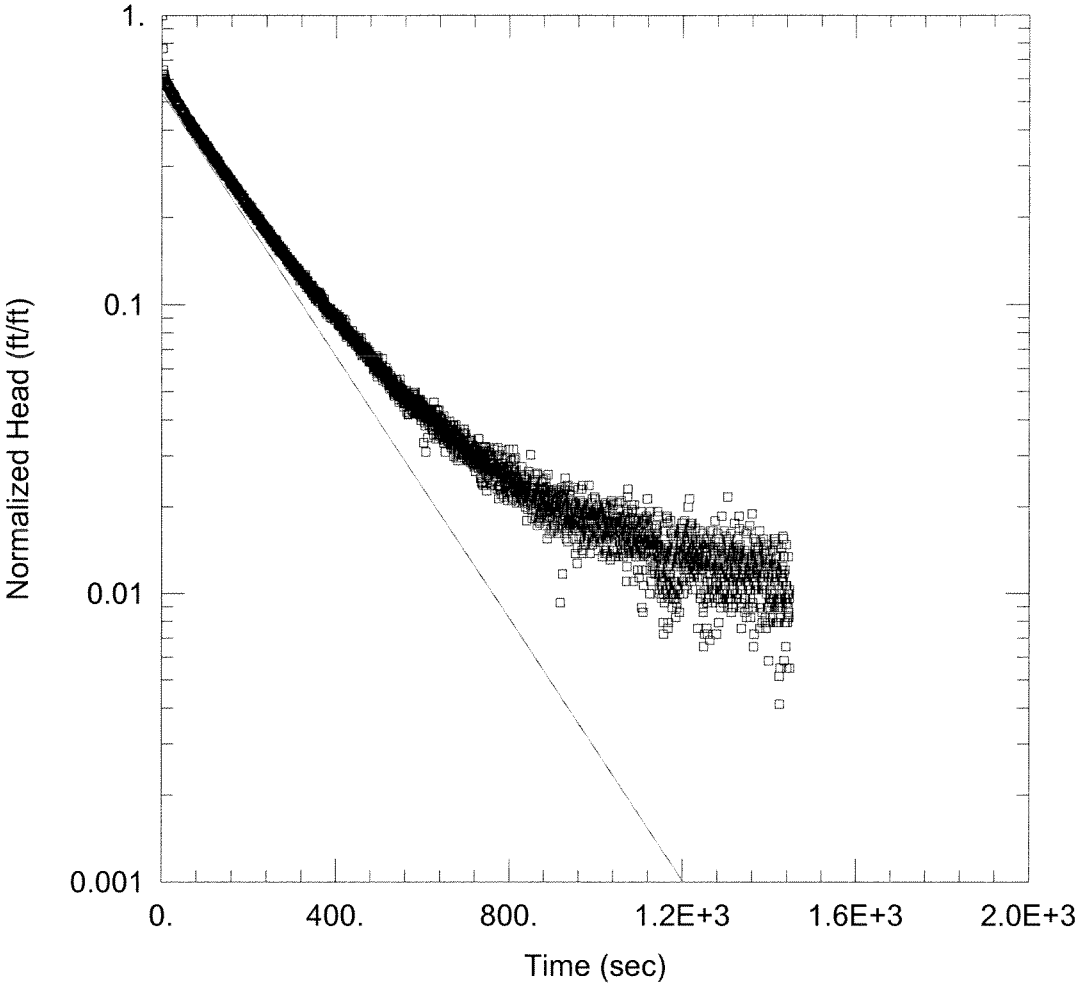
Saturated Thickness: 3.1 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-21A)

Initial Displacement: 0.988 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.08 ft
Static Water Column Height: 3.1 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.000158 cm/sec
y0 = 0.3243 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-21b Rising.aqt
Date: 01/31/08 Time: 14:06:44

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-21B
Test Date: 12/3/07

AQUIFER DATA

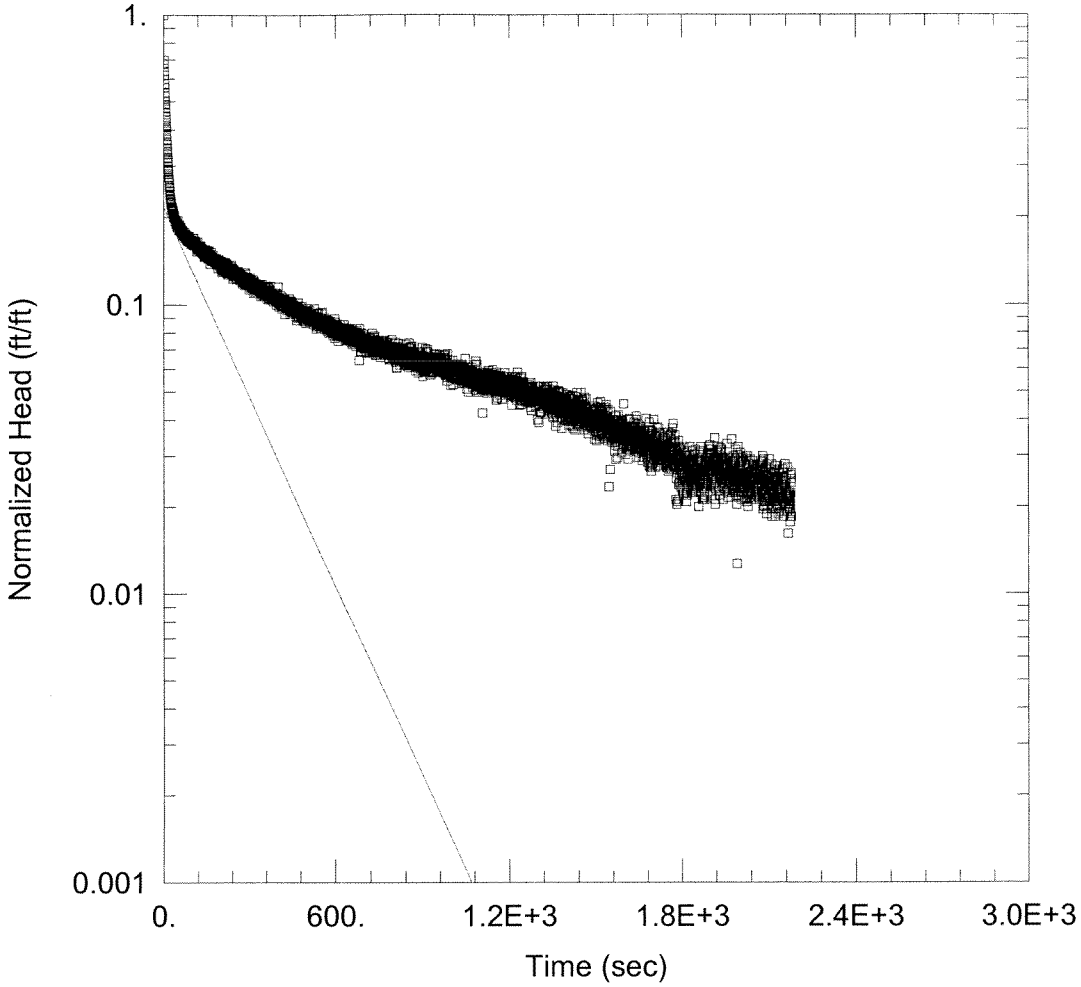
Saturated Thickness: 15.6 ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-21B)

Initial Displacement: 2.91 ft
Total Well Penetration Depth: 15.6 ft
Casing Radius: 0.08 ft
Static Water Column Height: 15.6 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0001455 cm/sec
y0 = 1.562 ft



WELL TEST ANALYSIS

Data Set: M:\15091\CS\Remedial Investigation\Data\Other\Aqtesolve Data\MW-22 Rising.aqt
Date: 01/31/08 Time: 14:06:33

PROJECT INFORMATION

Company: CHA
Client: SI Group
Project: 15091.1020.1102
Location: Congress Street
Test Well: MW-22
Test Date: 12/3/07

AQUIFER DATA

Saturated Thickness: 7.5 ft Anisotropy Ratio (Kz/Kr): 1.

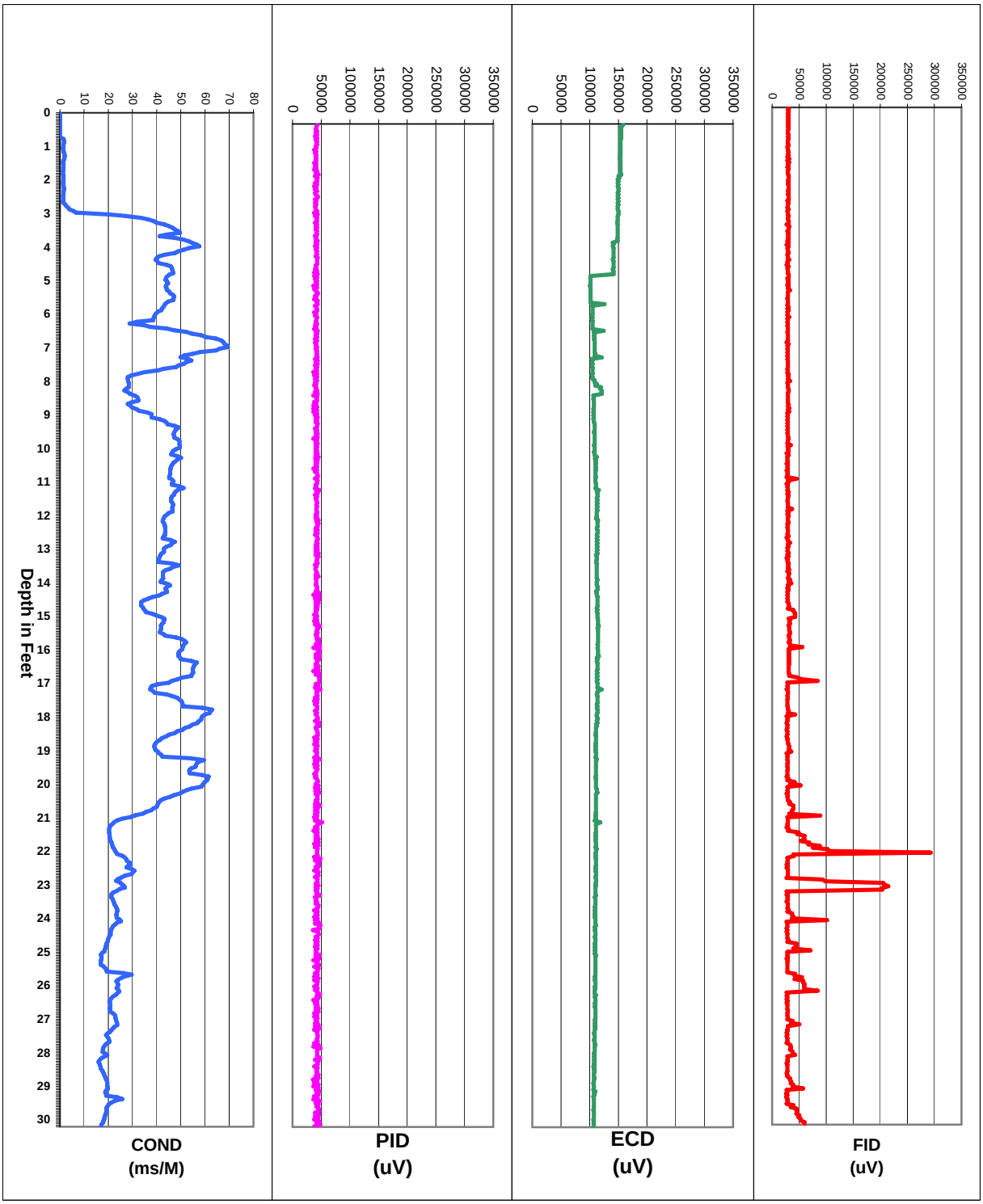
WELL DATA (MW-21B)

Initial Displacement: 2.604 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.08 ft
Static Water Column Height: 7.5 ft
Screen Length: 10. ft
Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0001264 cm/sec
y0 = 0.5629 ft

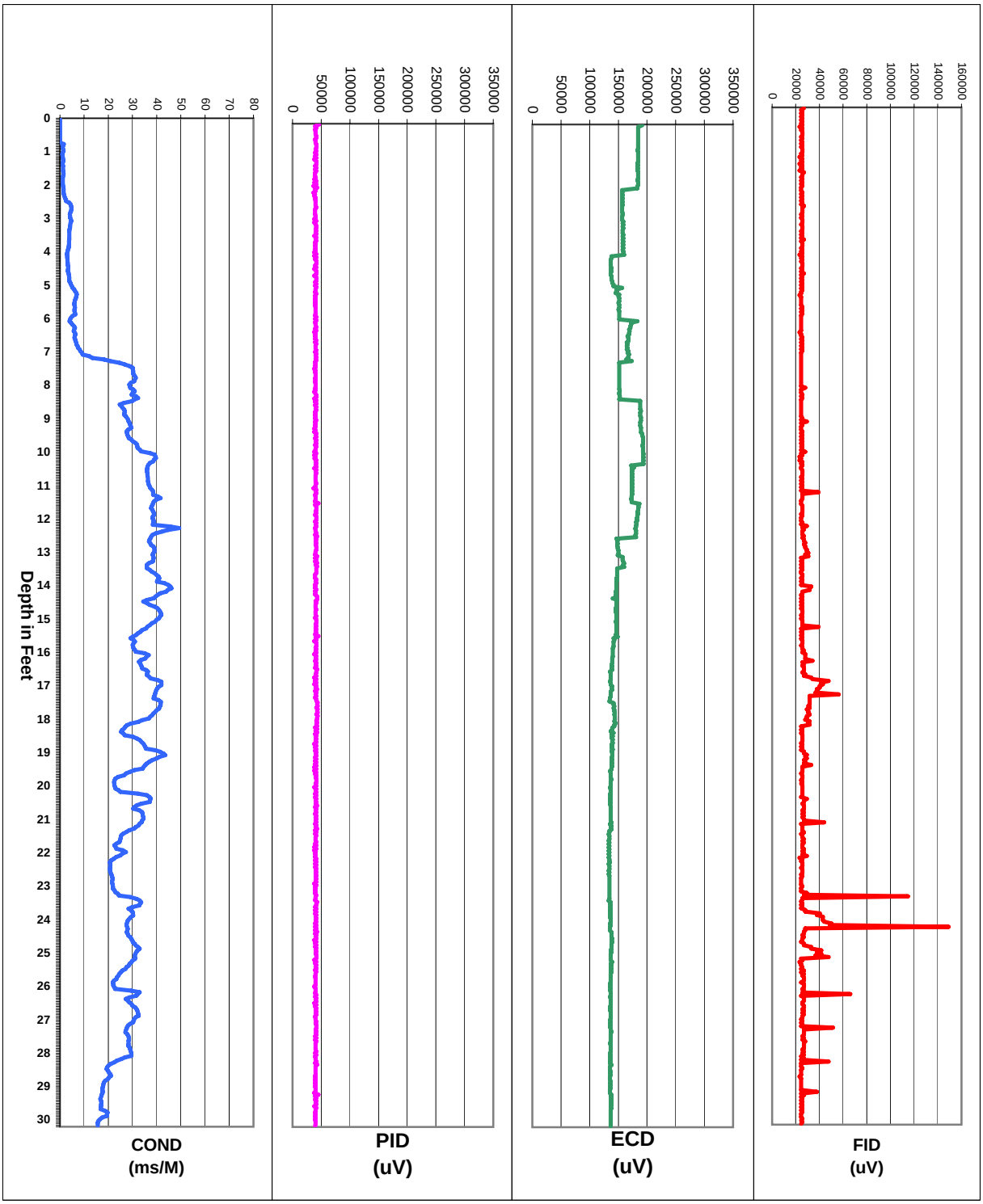
ZEBRA EC/MIP Summary Log, Point CHMIP1
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 9/26/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 1 of 3

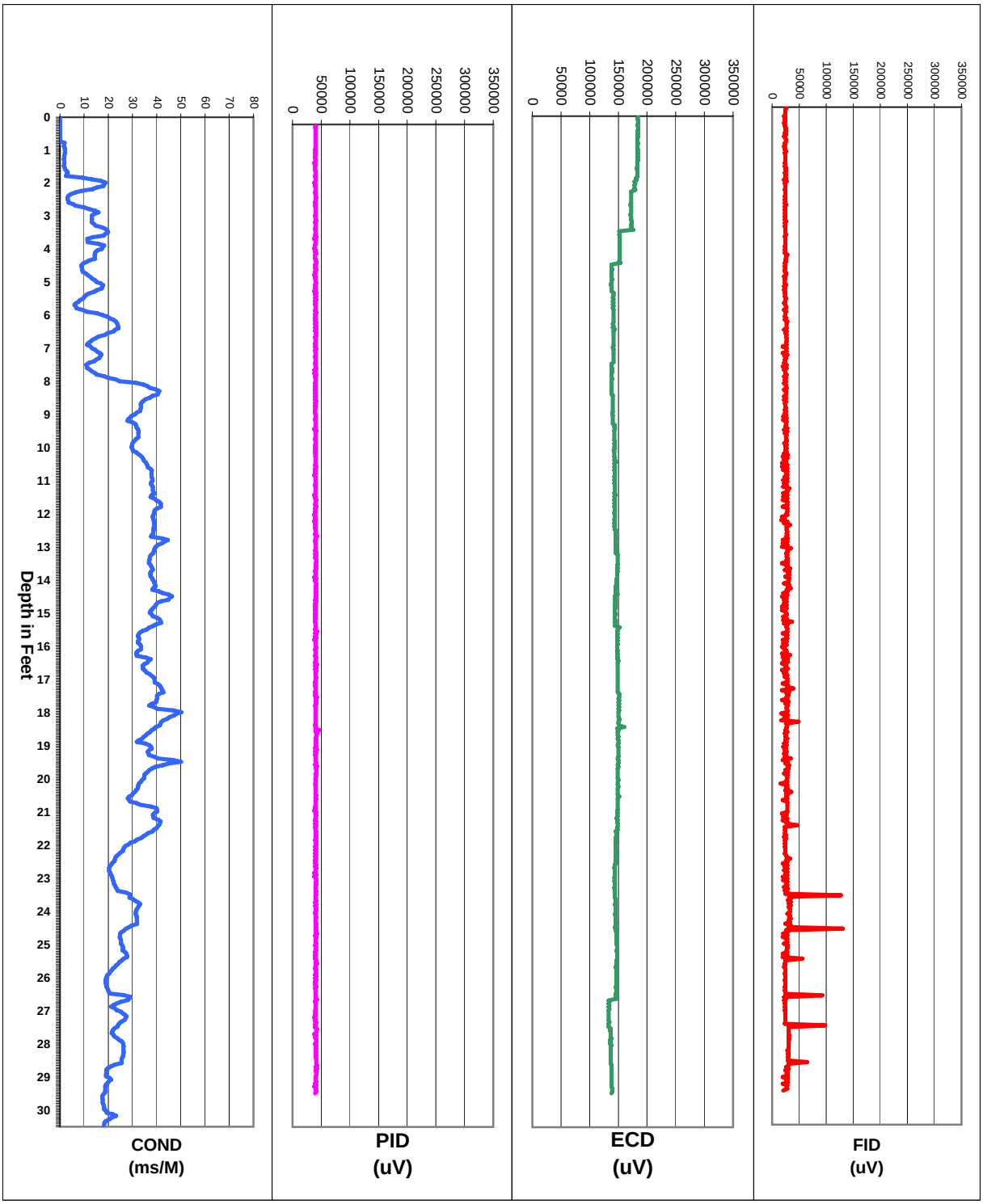
ZEBRA EC/MIP Summary Log, Point CHMIP2
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 9/26/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 2 of 3

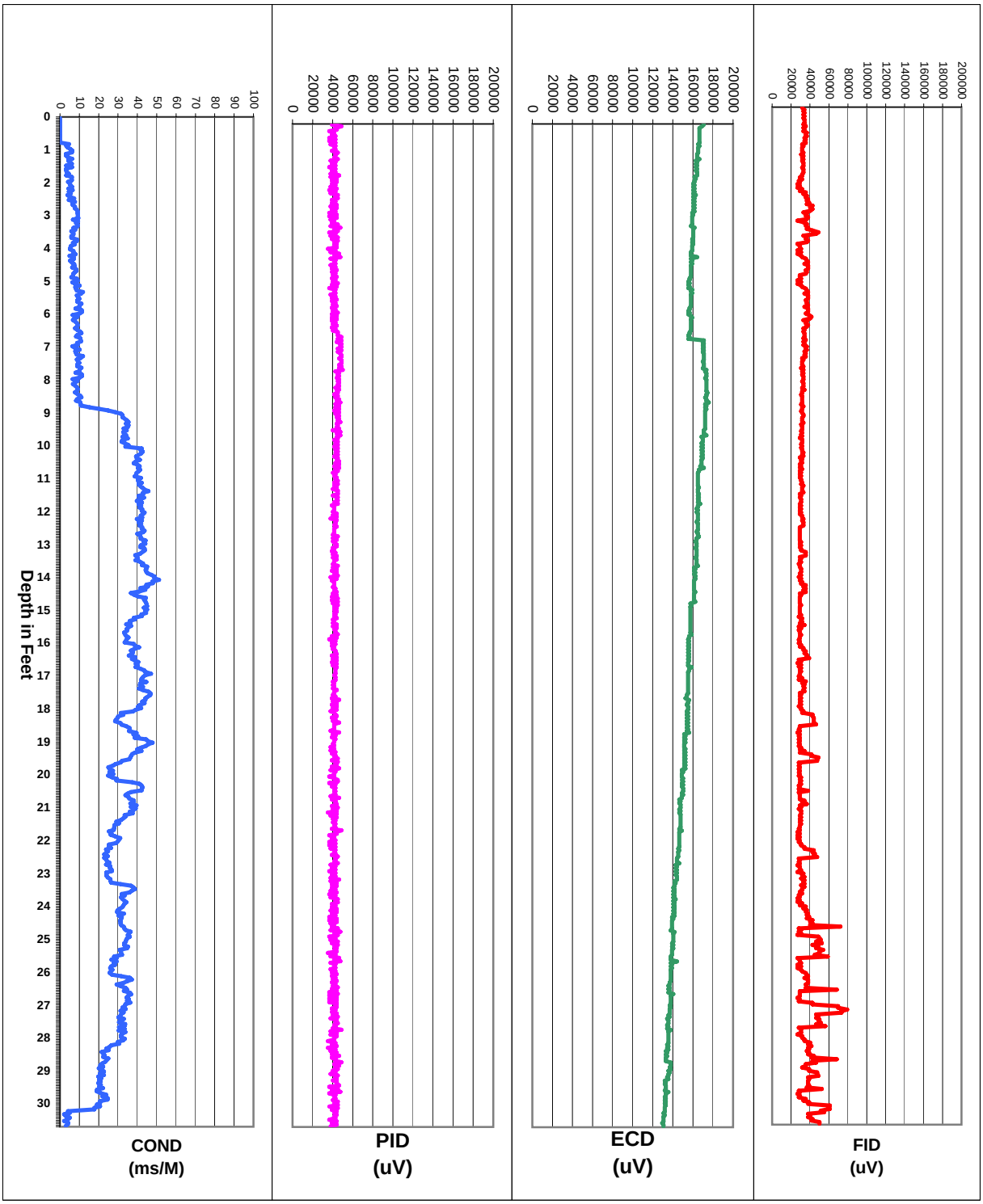
ZEBRA EC/MIP Summary Log, Point CHMIP3
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 9/26/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 3 of 3

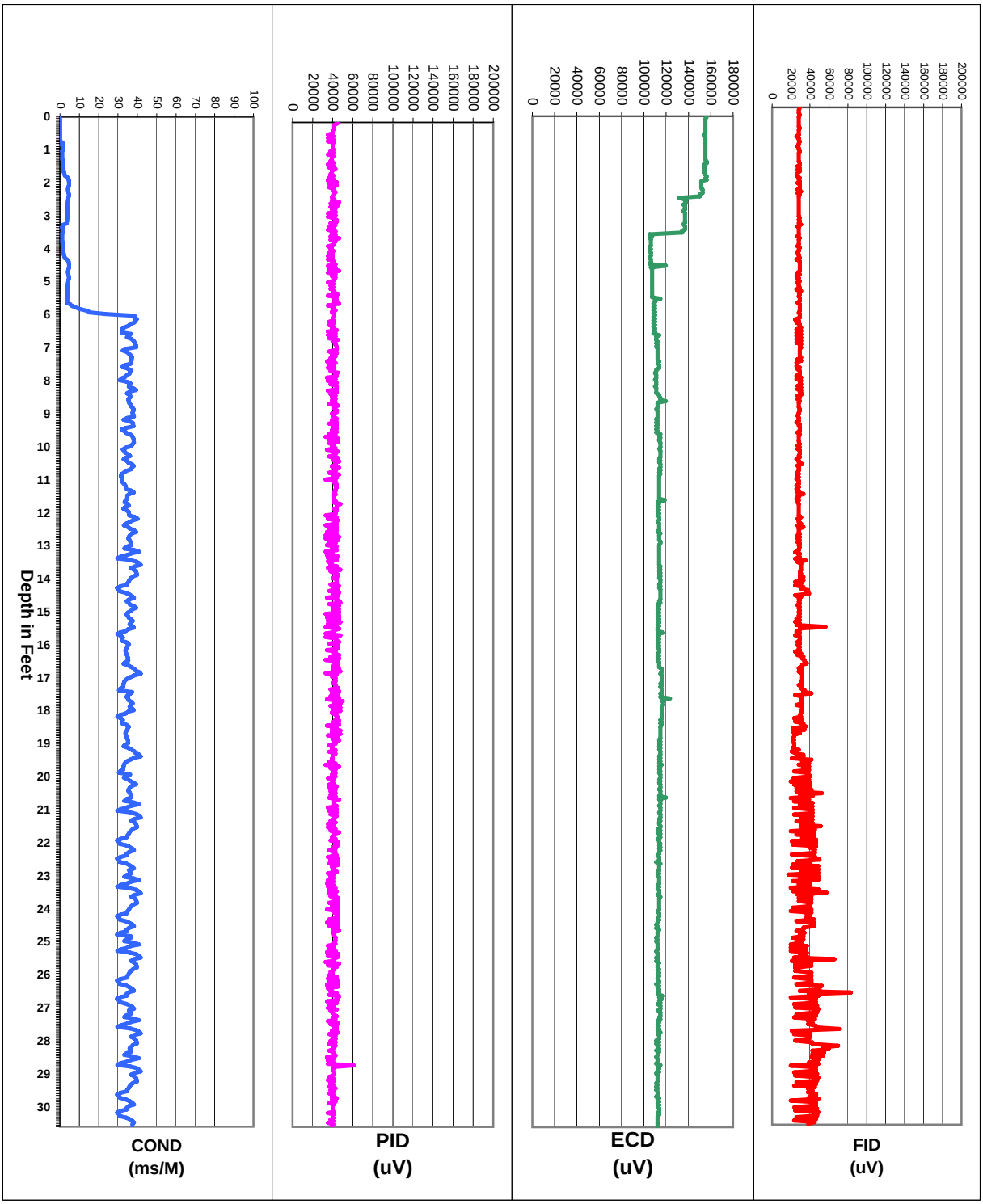
ZEBRA EC/MIP Summary Log, Point CHMIP4
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 9/27/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 1 of 4

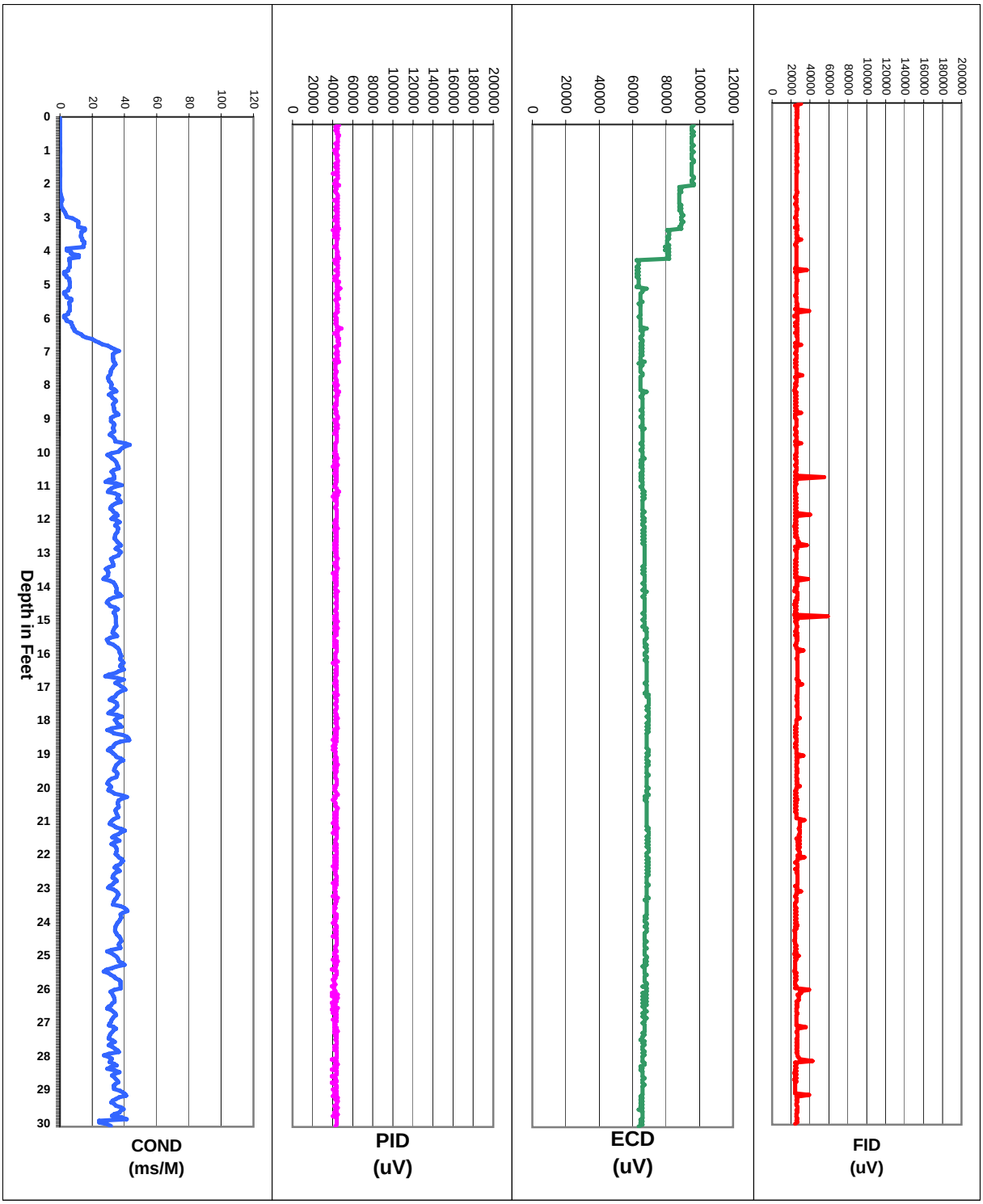
ZEBRA EC/MIP Summary Log, Point CHMIP5
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 9/27/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 2 of 4

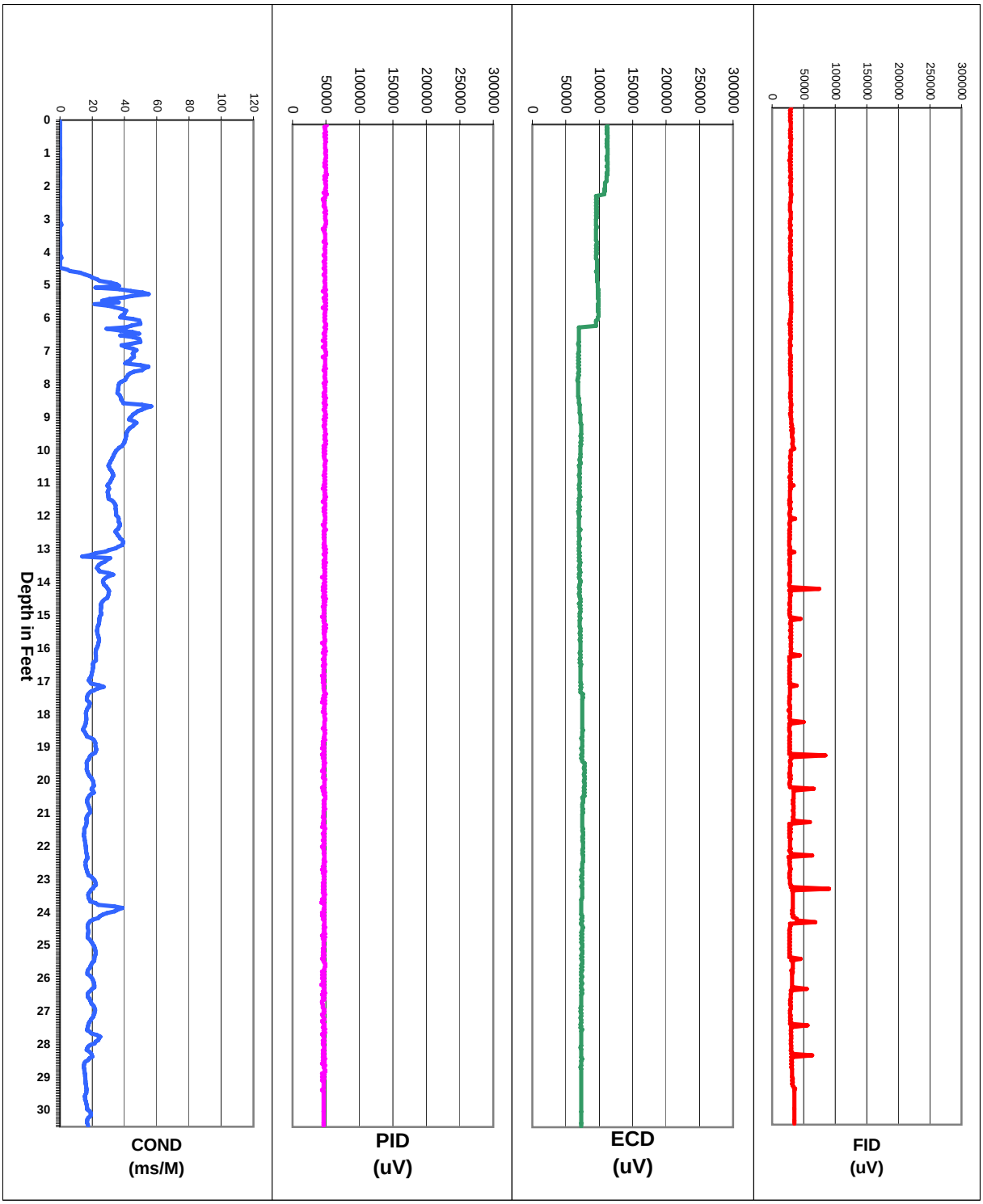
ZEBRA EC/MIP Summary Log, Point CHMIP6A
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/10/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 2 of 5

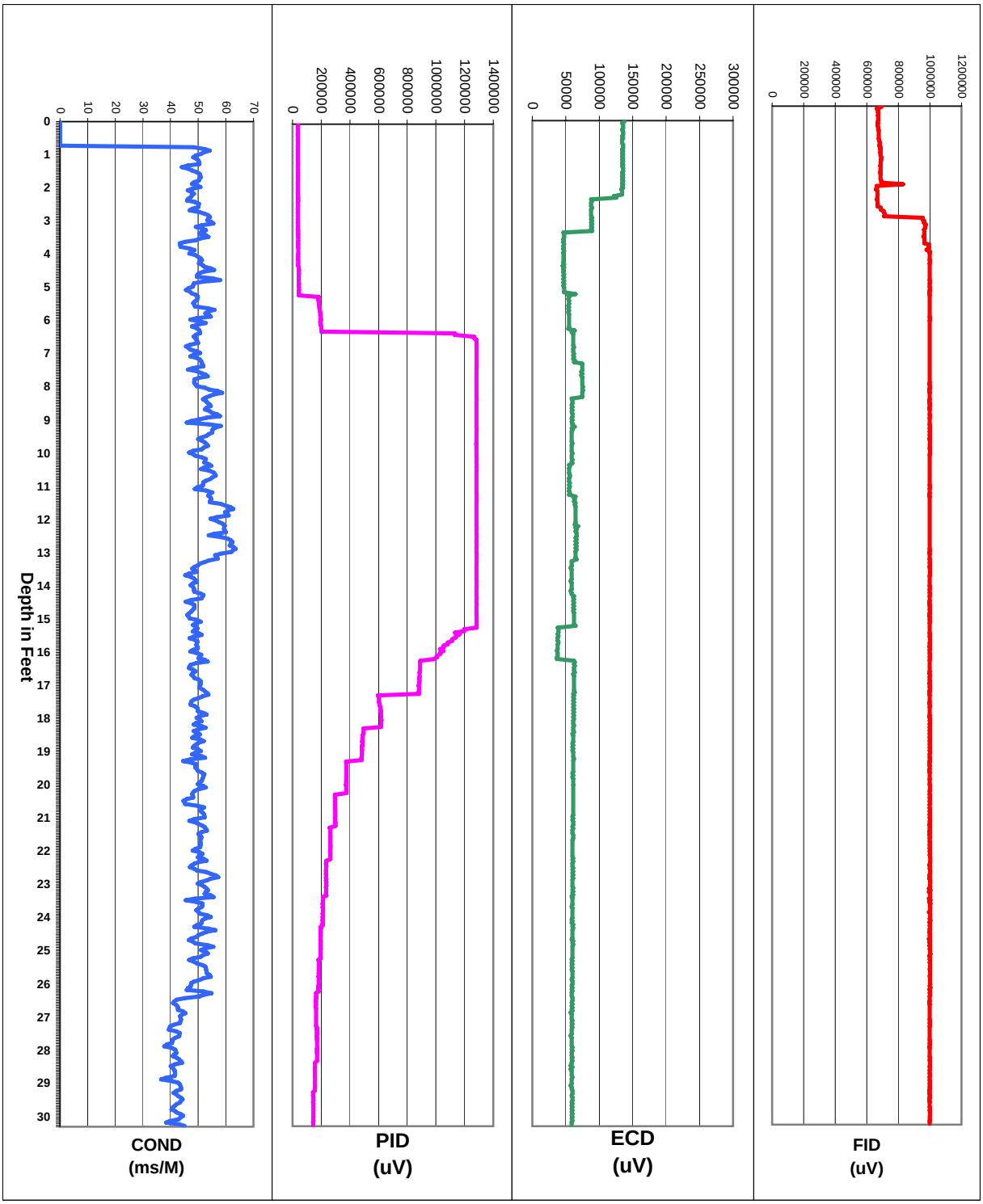
ZEBRA EC/MIP Summary Log, Point CHMIP7A
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/10/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 3 of 5

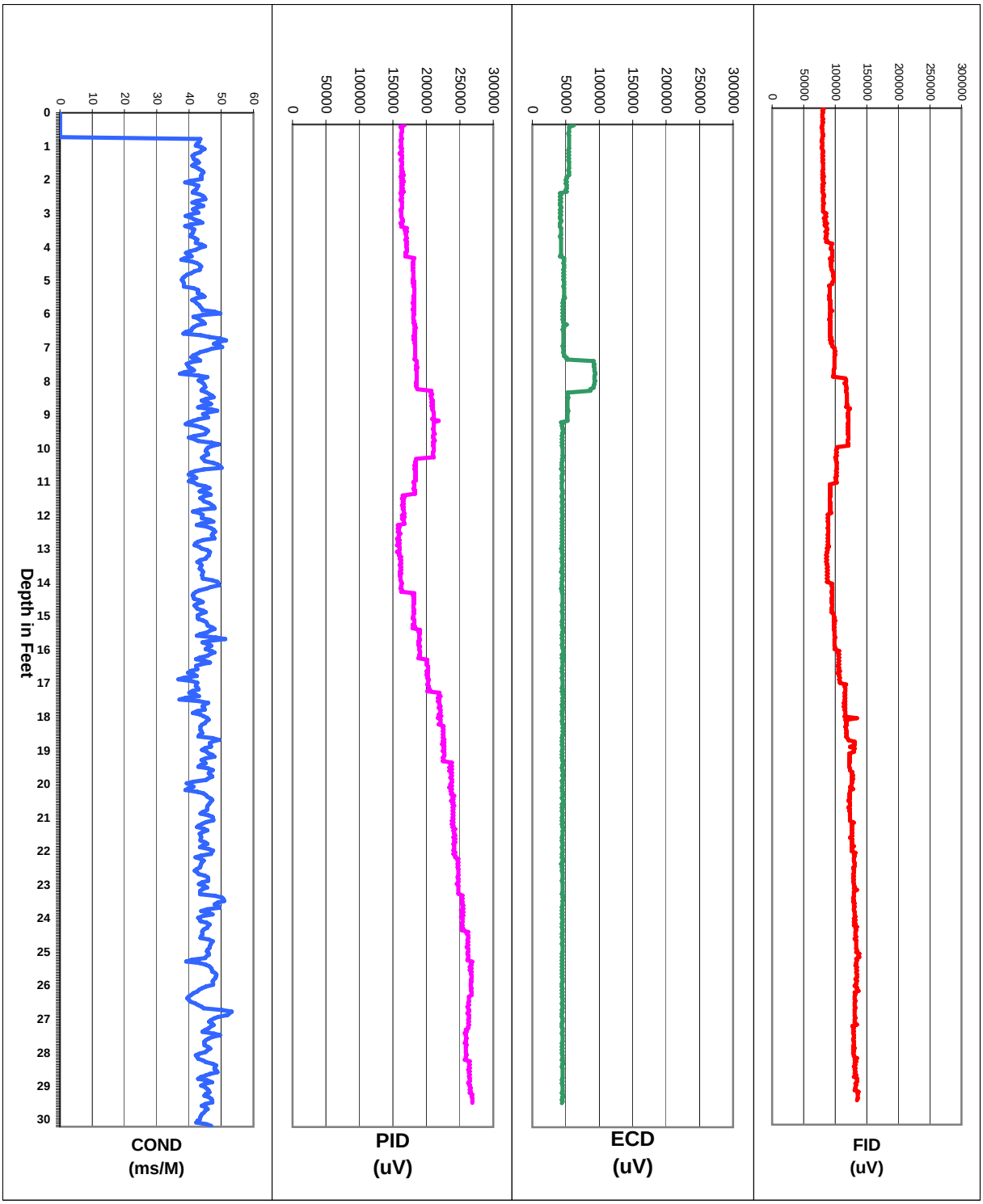
ZEBRA EC/MIP Summary Log, Point CHMIP8
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/1/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 1 of 4

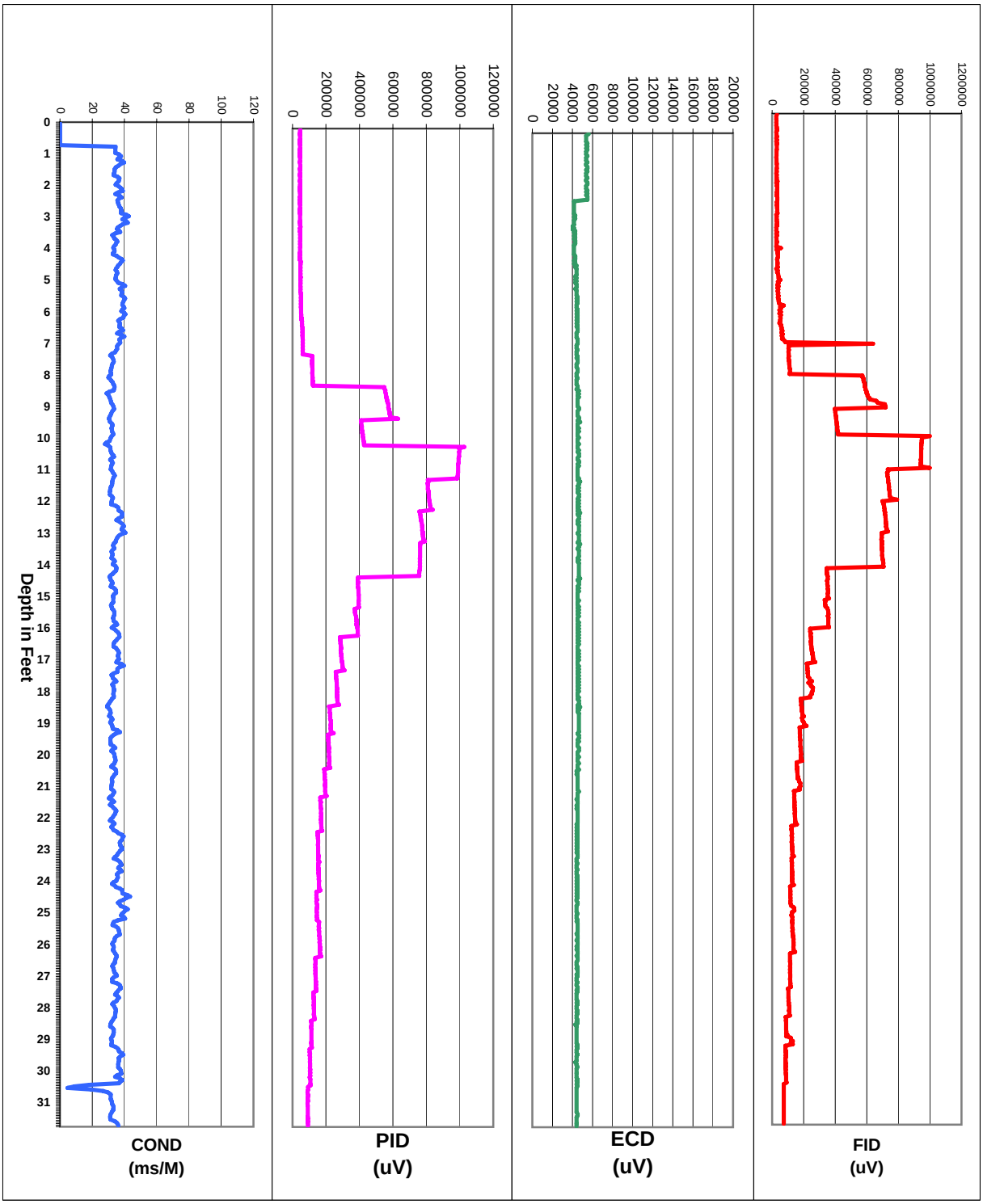
ZEBRA EC/MIP Summary Log, Point CHMIP9A
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/10/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 4 of 5

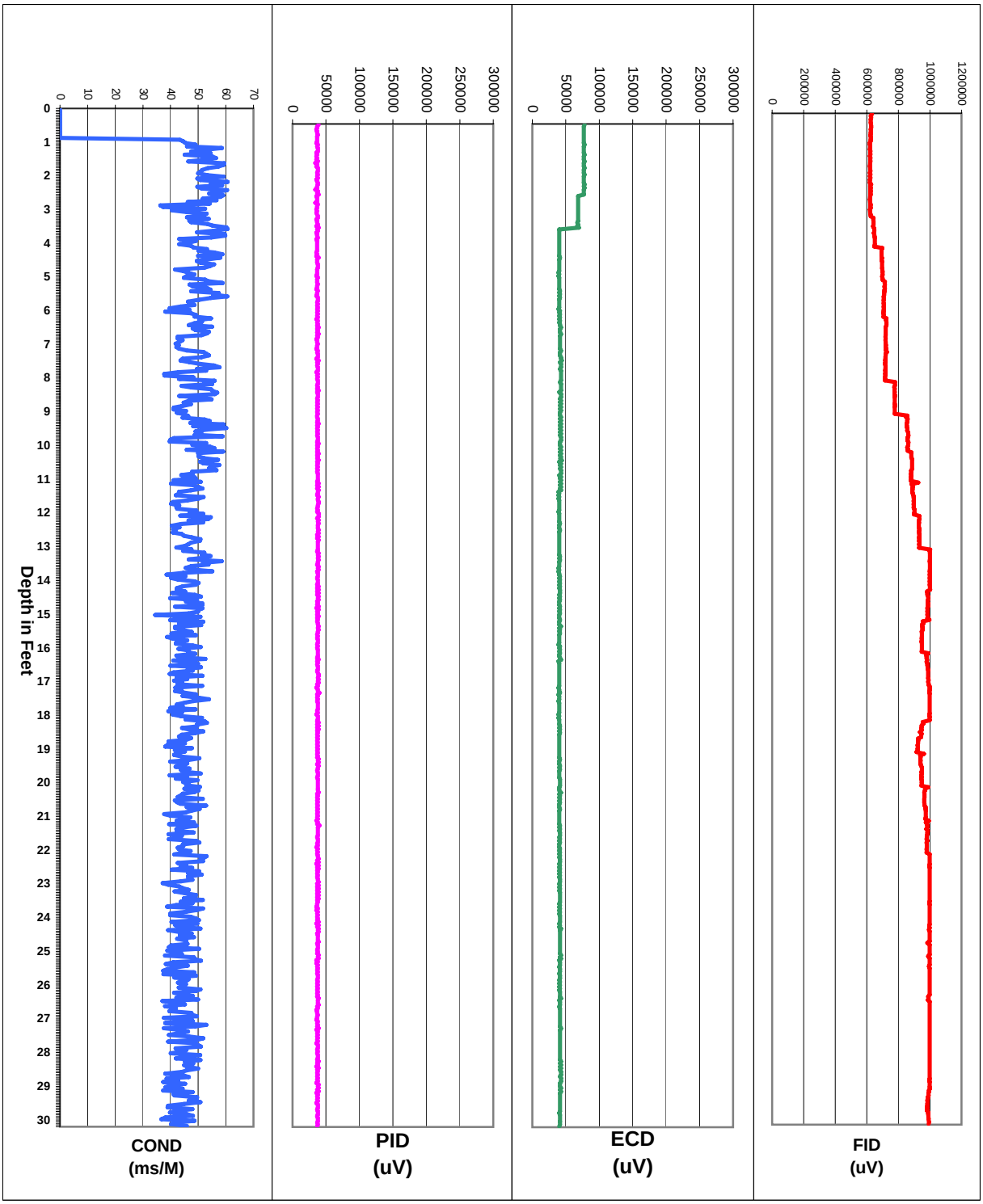
ZEBRA EC/MIP Summary Log, Point CHMIP10
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/10/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 1 of 5

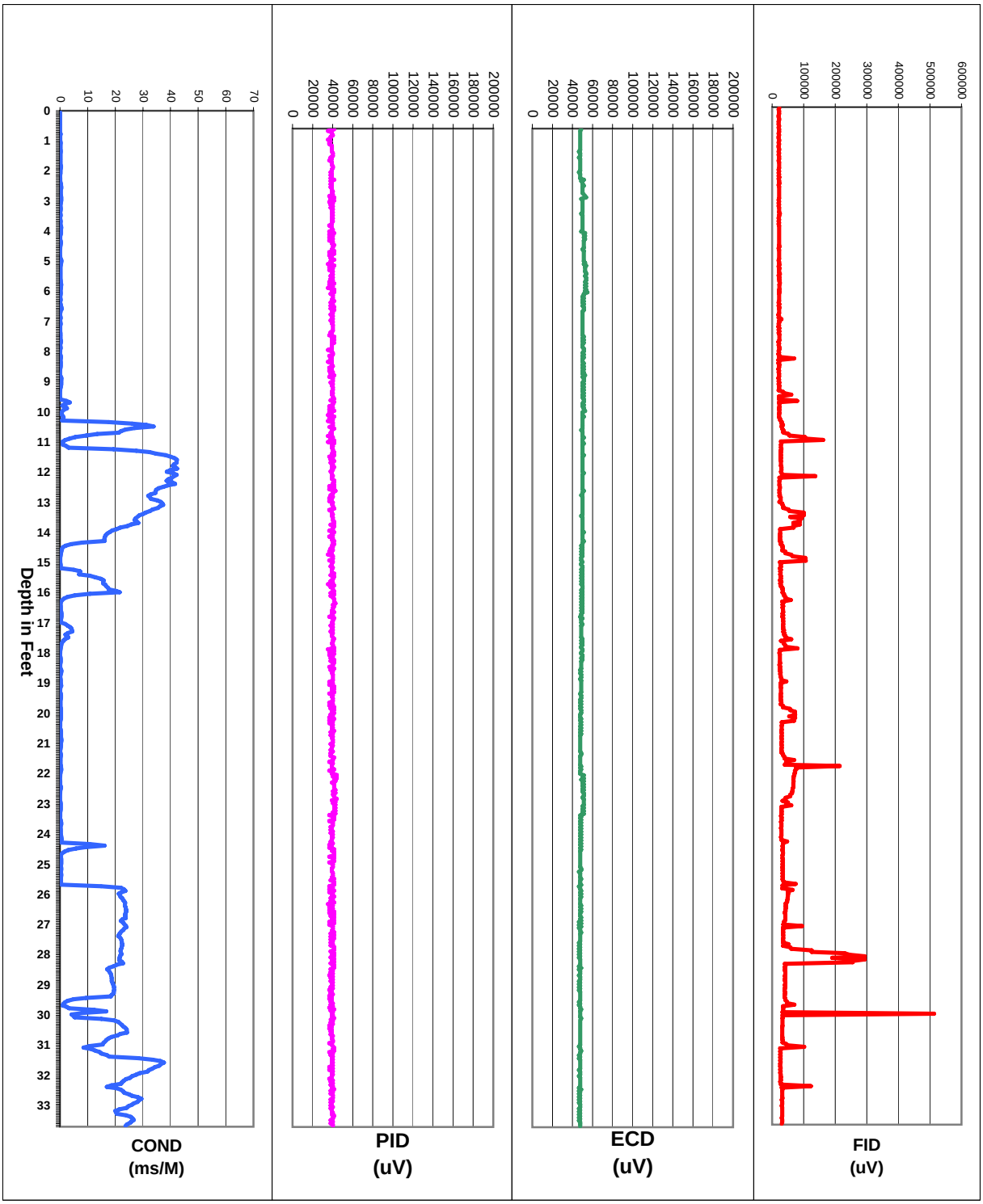
ZEBRA EC/MIP Summary Log, Point CHMIP11
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 1 of 9

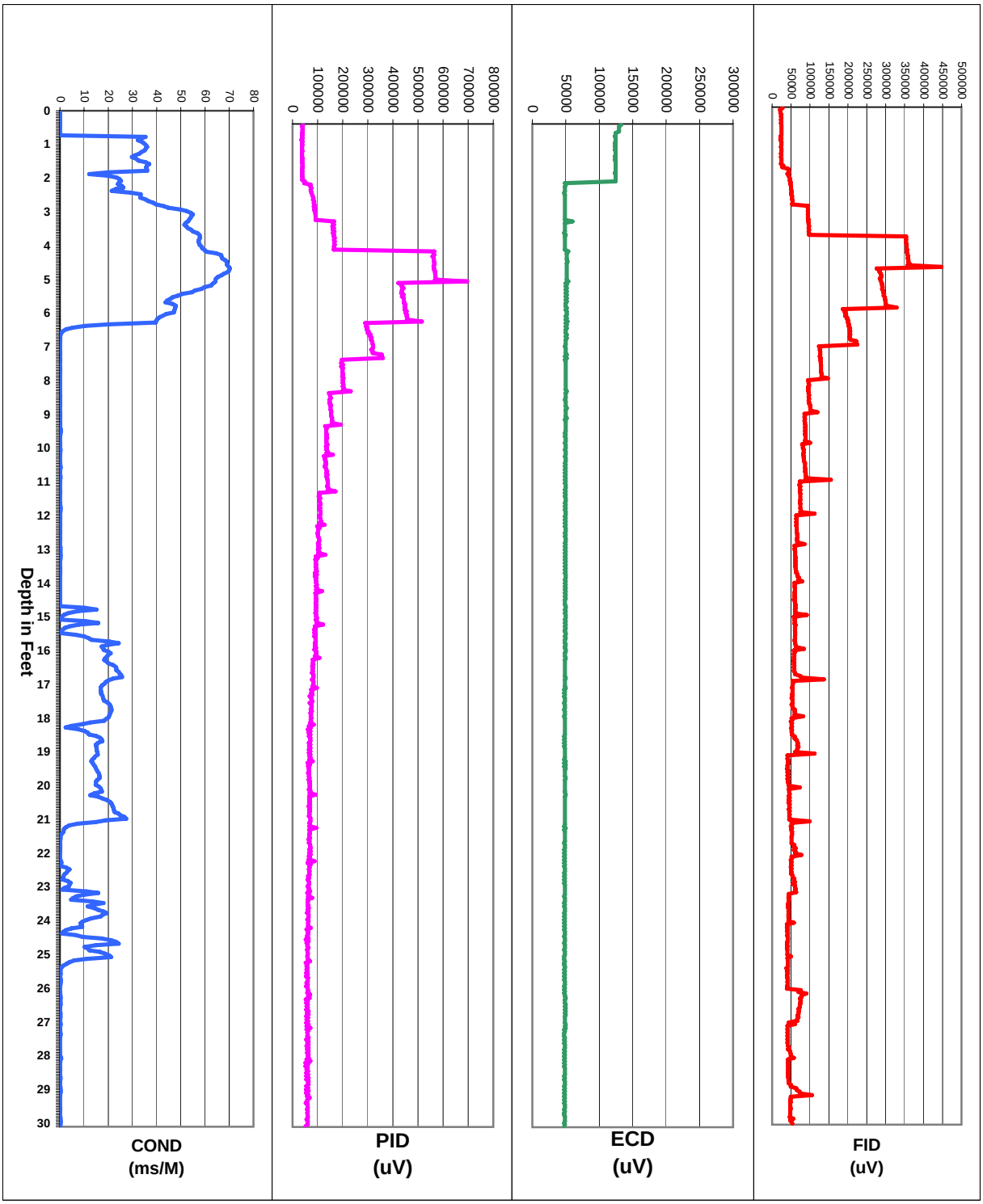
ZEBRA EC/MIP Summary Log, Point CHMIP12
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/5/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 1 of 5

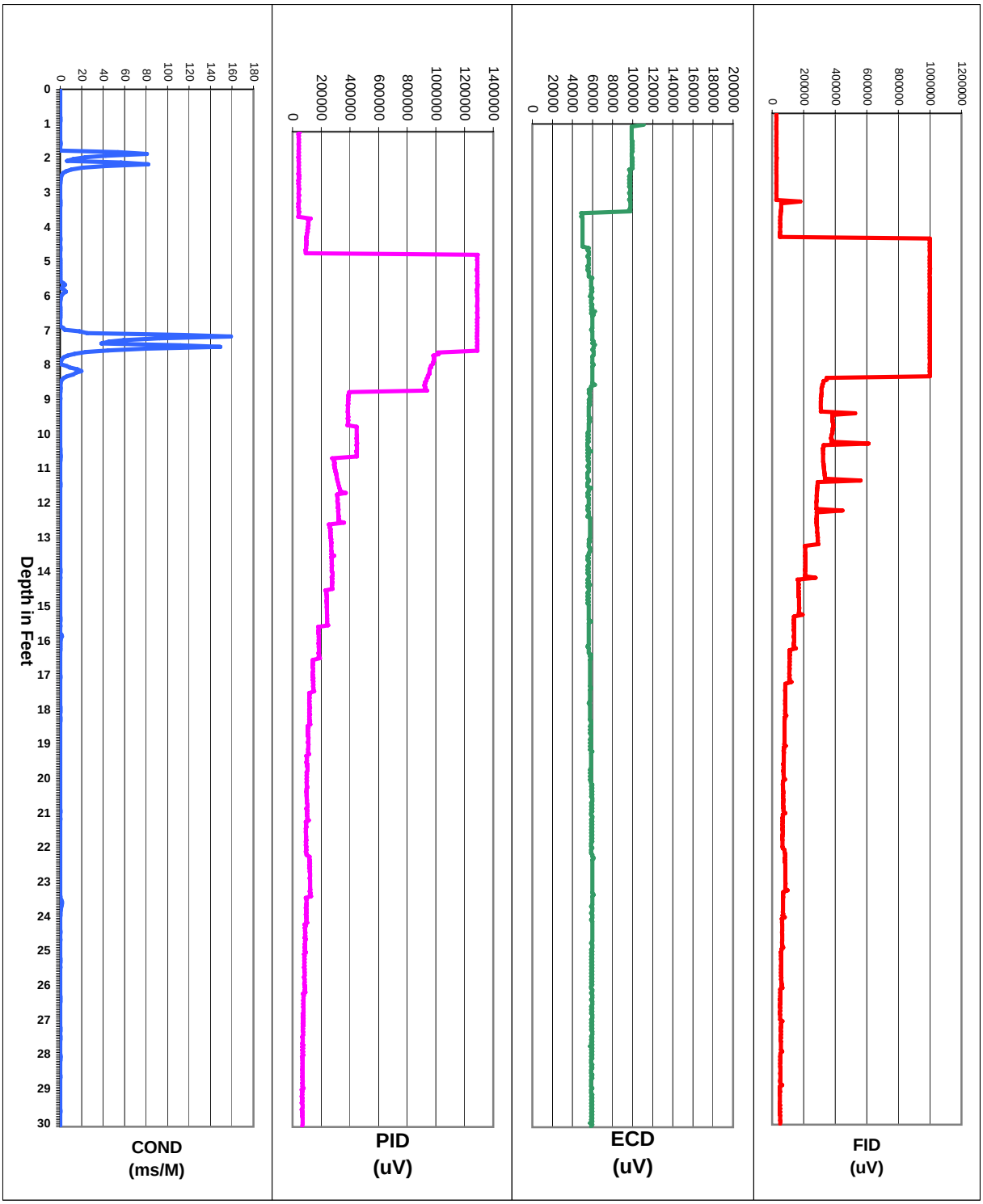
ZEBRA EC/MIP Summary Log, Point CHMIP13
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/5/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 2 of 5

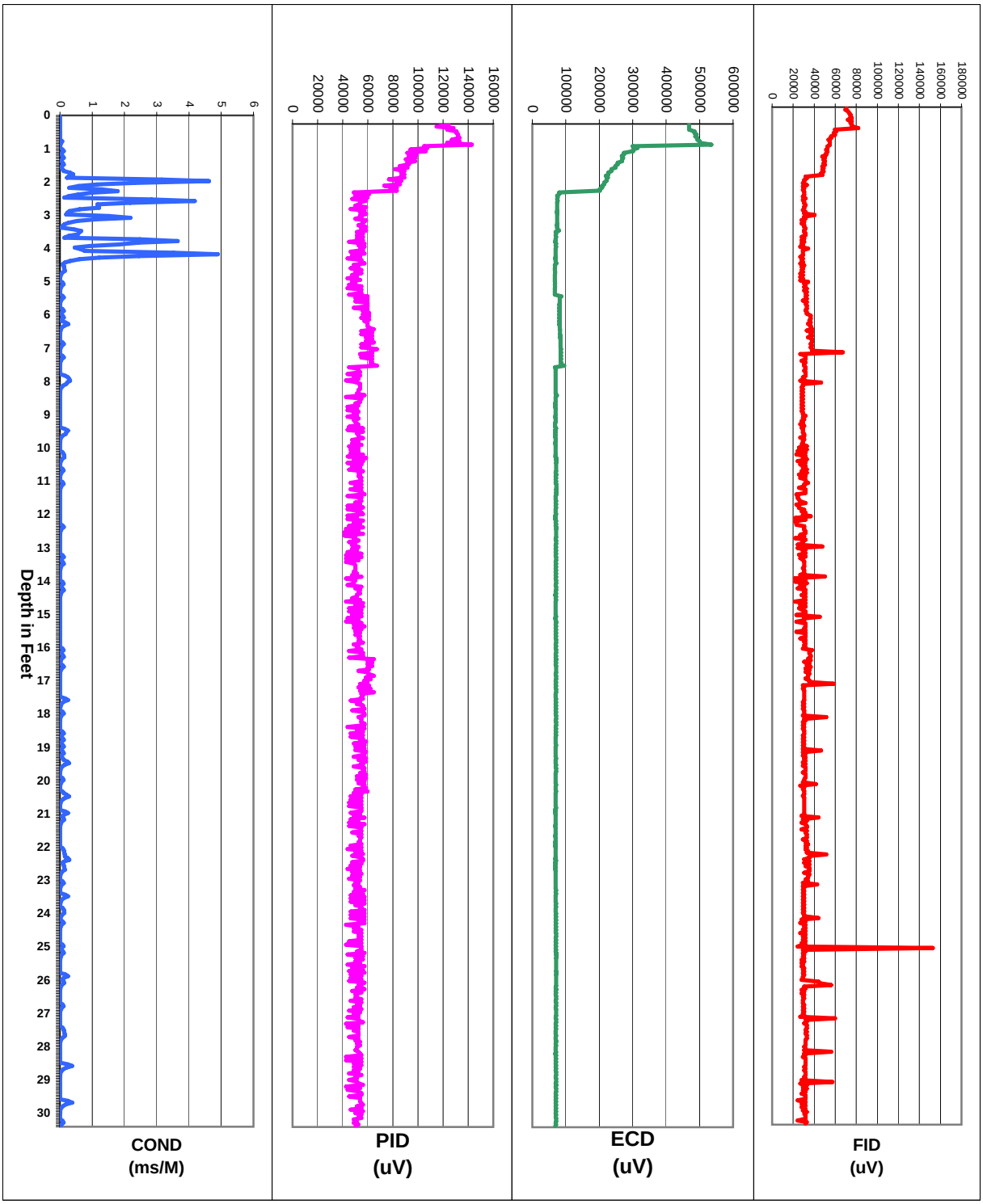
ZEBRA EC/MIP Summary Log, Point CHMIP14
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/5/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 3 of 5

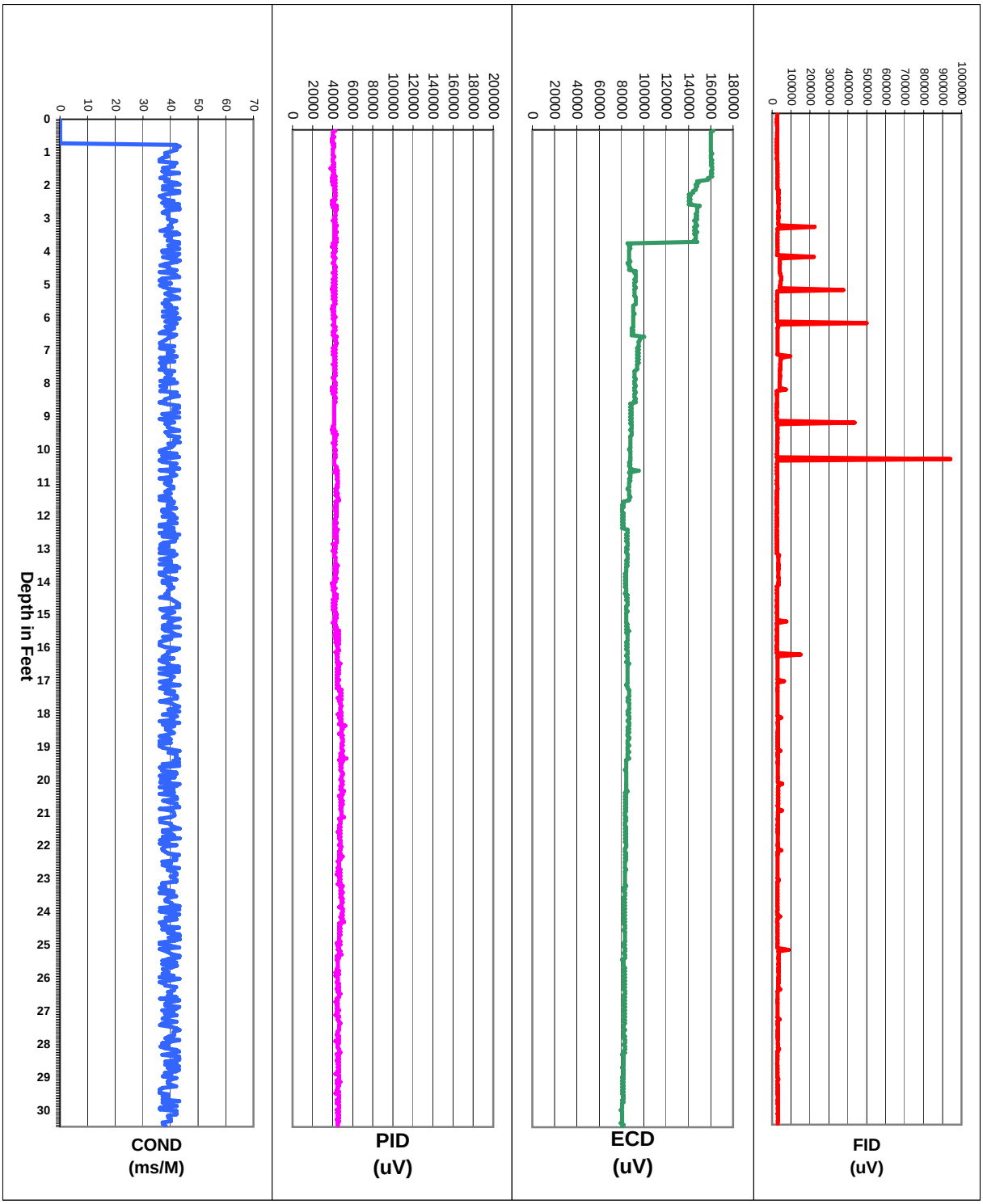
ZEBRA EC/MIP Summary Log, Point CHMIP15
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/5/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 4 of 5

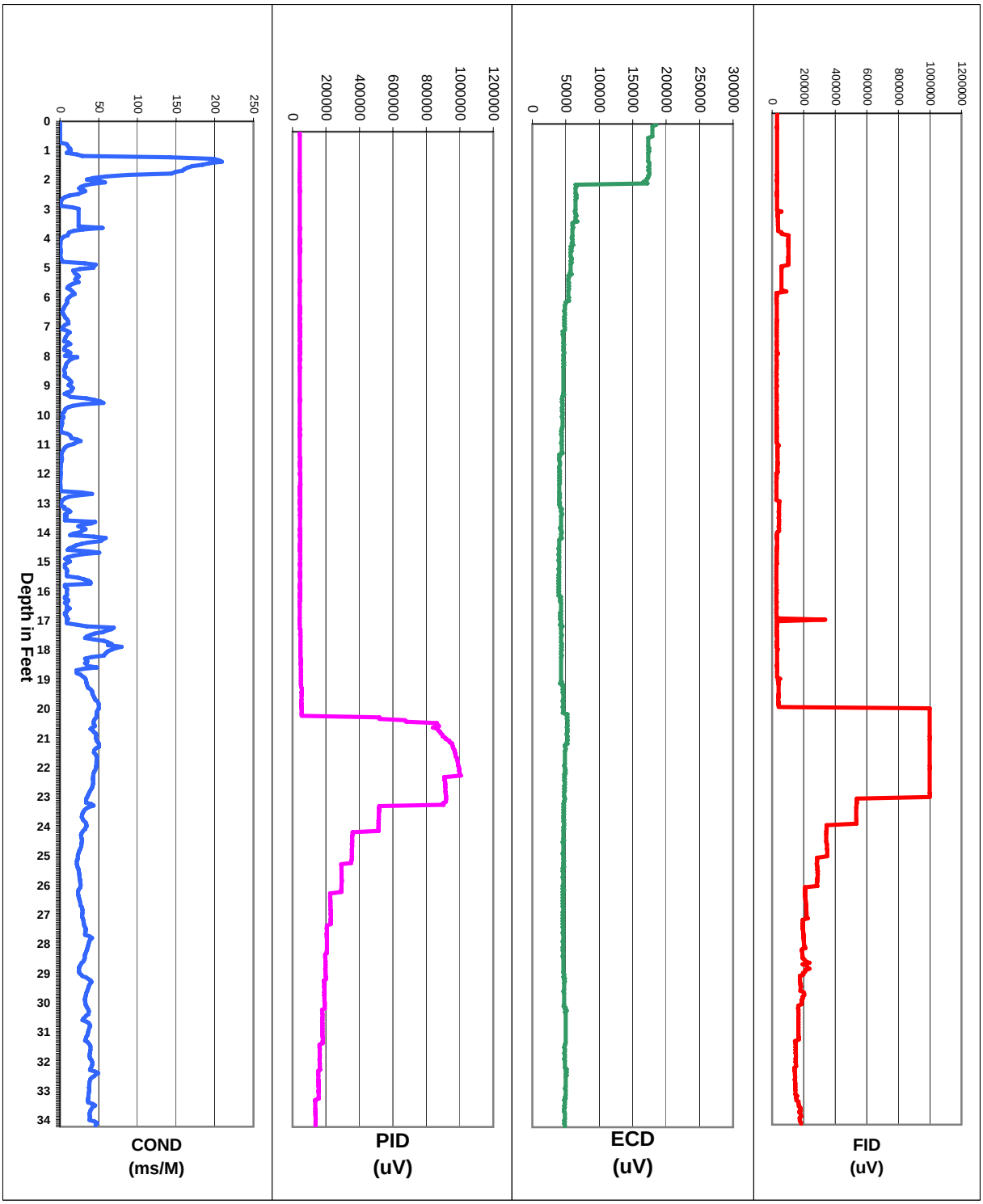
ZEBRA EC/MIP Summary Log, Point CHMIP16
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/5/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 5 of 5

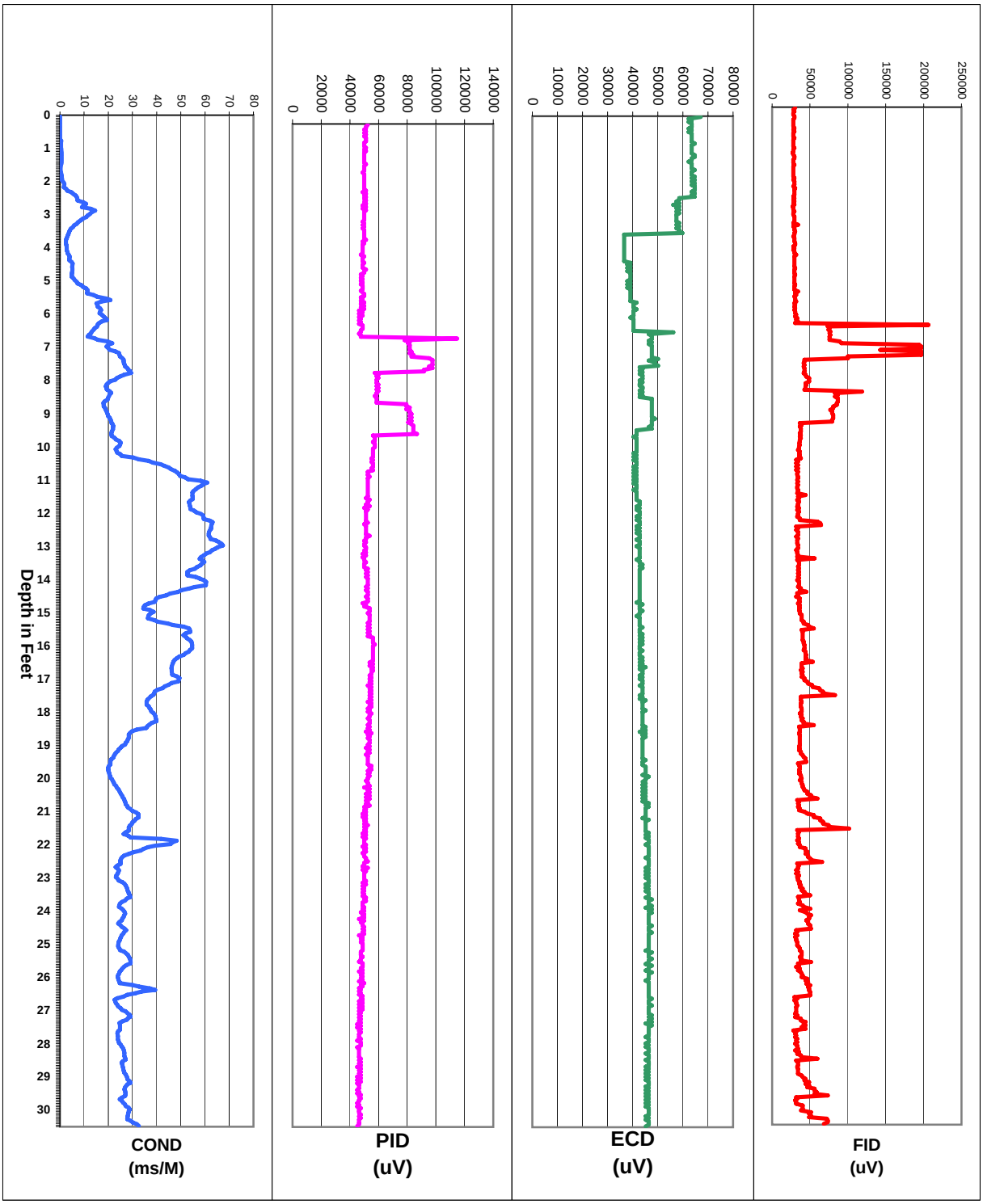
ZEBRA EC/MIP Summary Log, Point CHMIP17
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/8/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 1 of 9

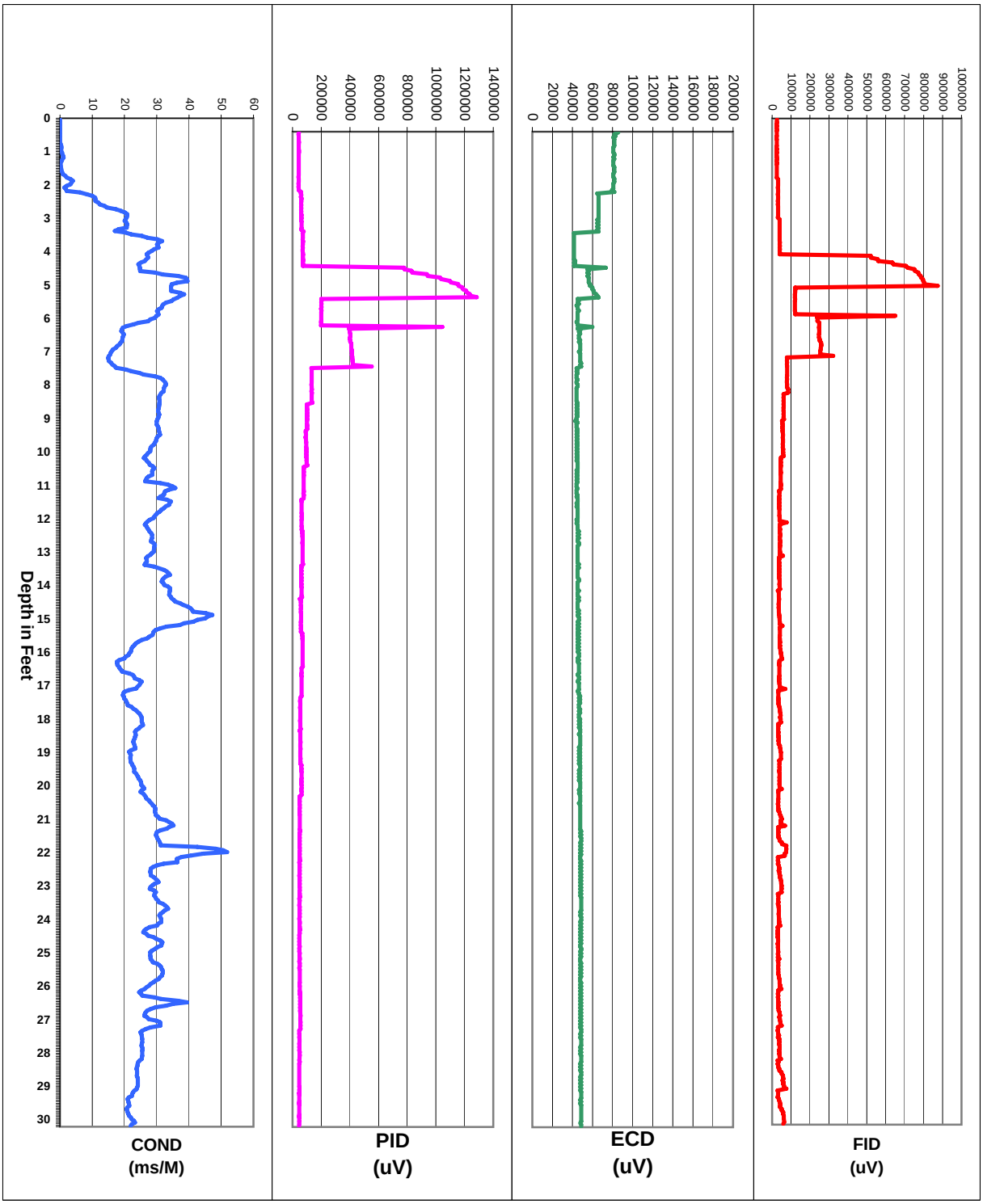
ZEBRA EC/MIP Summary Log, Point CHMIP18
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/8/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 2 of 9

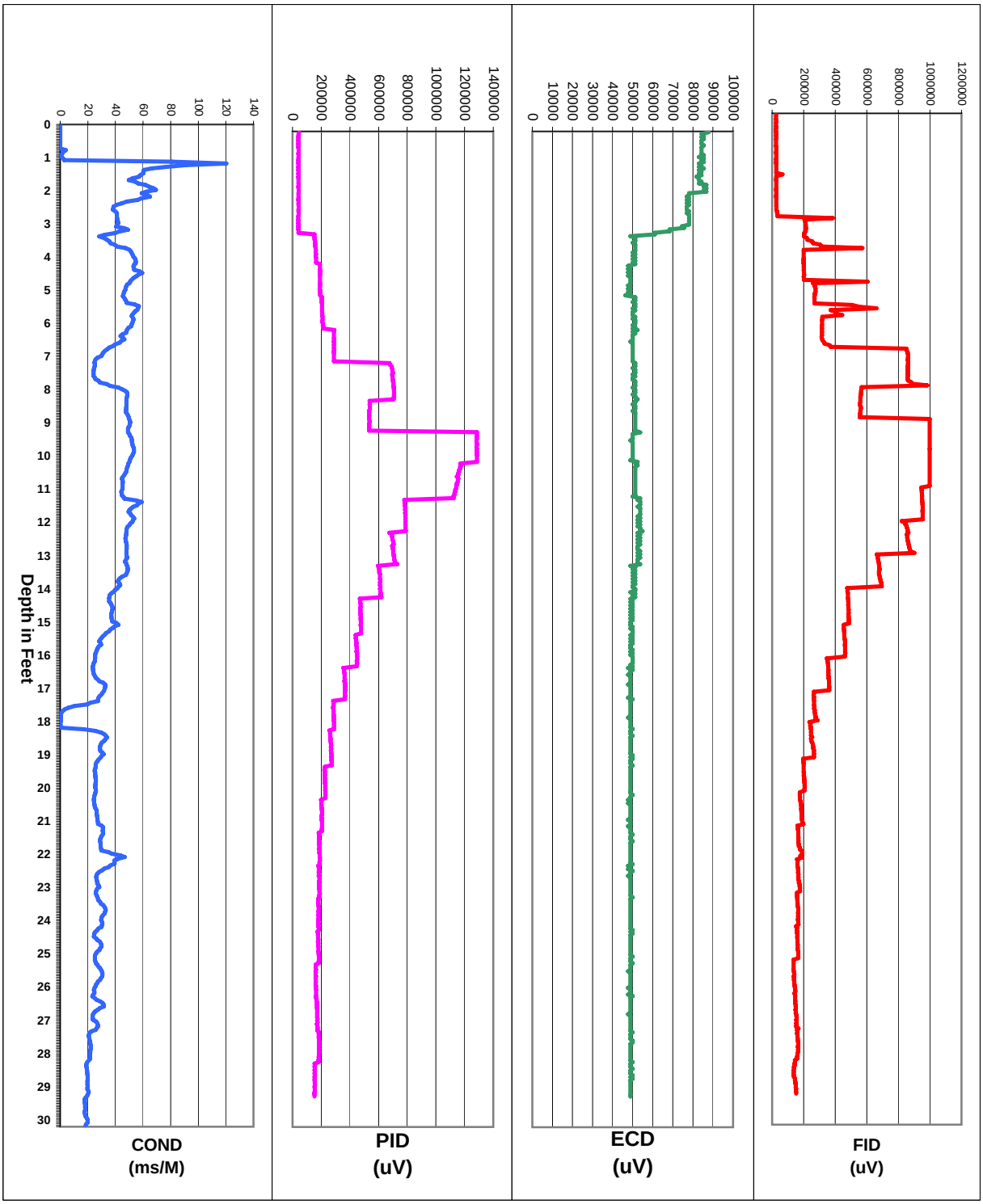
ZEBRA EC/MIP Summary Log, Point CHMIP19
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/8/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 3 of 9

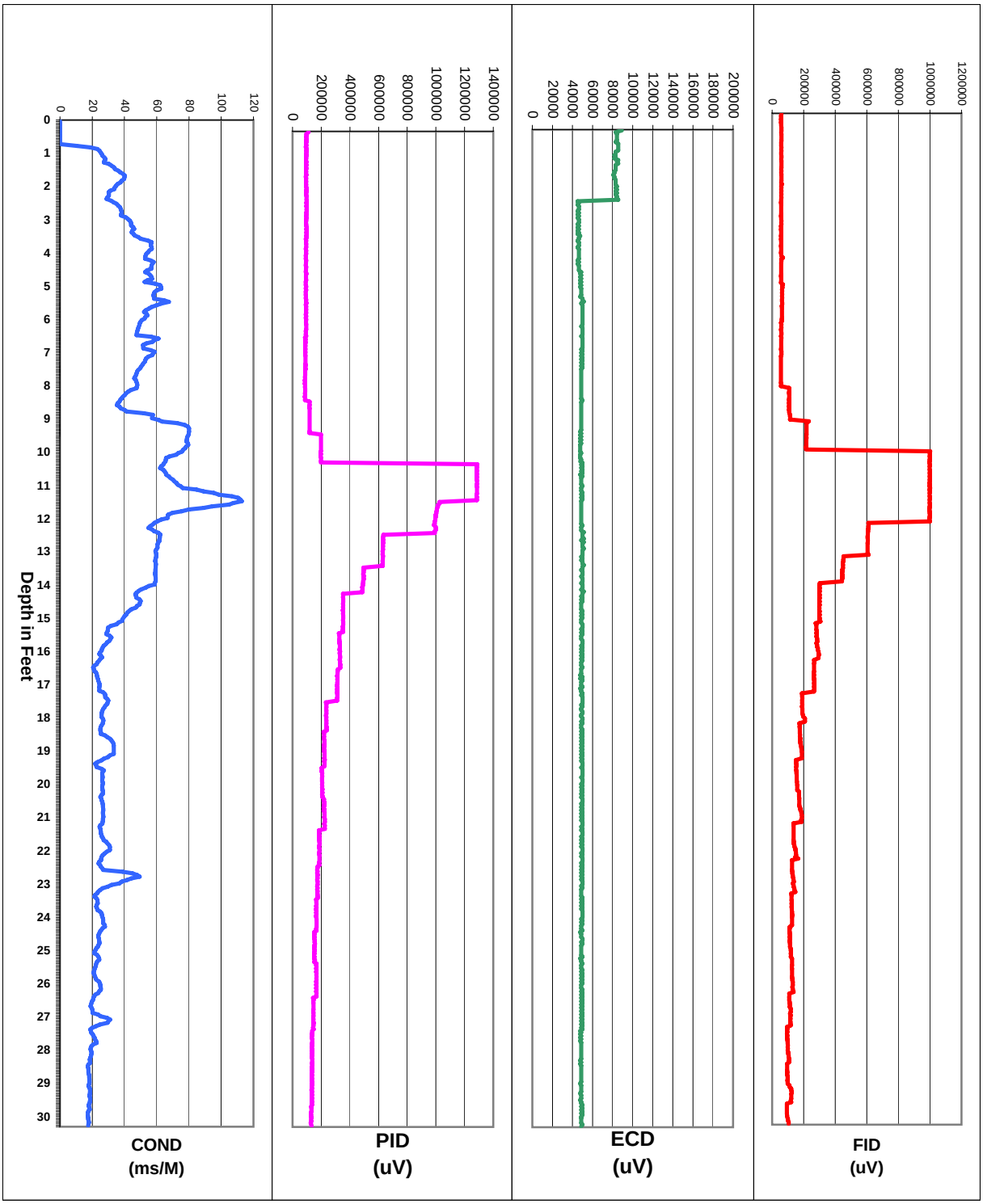
ZEBRA EC/MIP Summary Log, Point CHMIP20
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/8/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 4 of 9

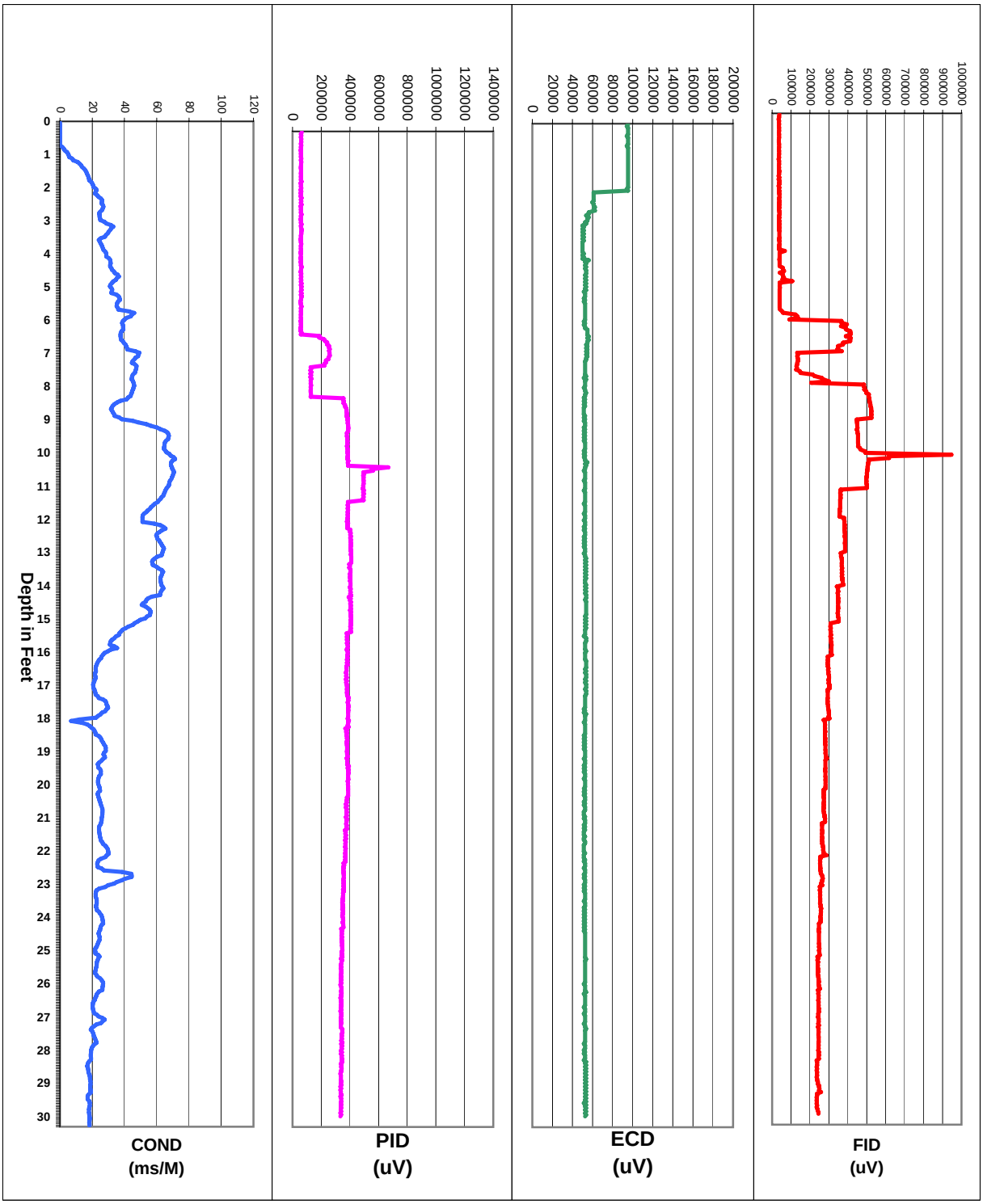
ZEBRA EC/MIP Summary Log, Point CHMIP21
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/8/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 5 of 9

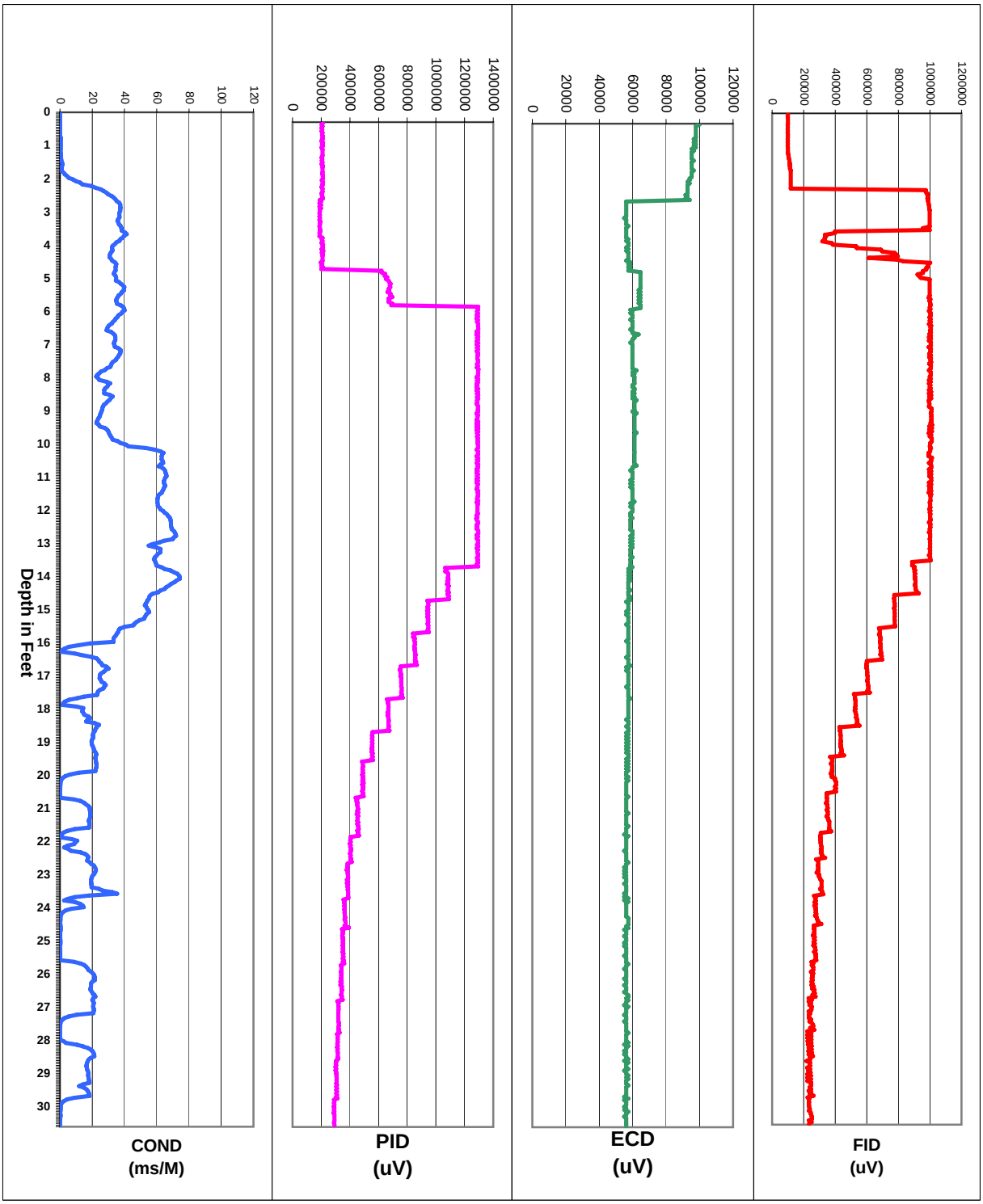
ZEBRA EC/MIP Summary Log, Point CHMIP22
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/8/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 6 of 9

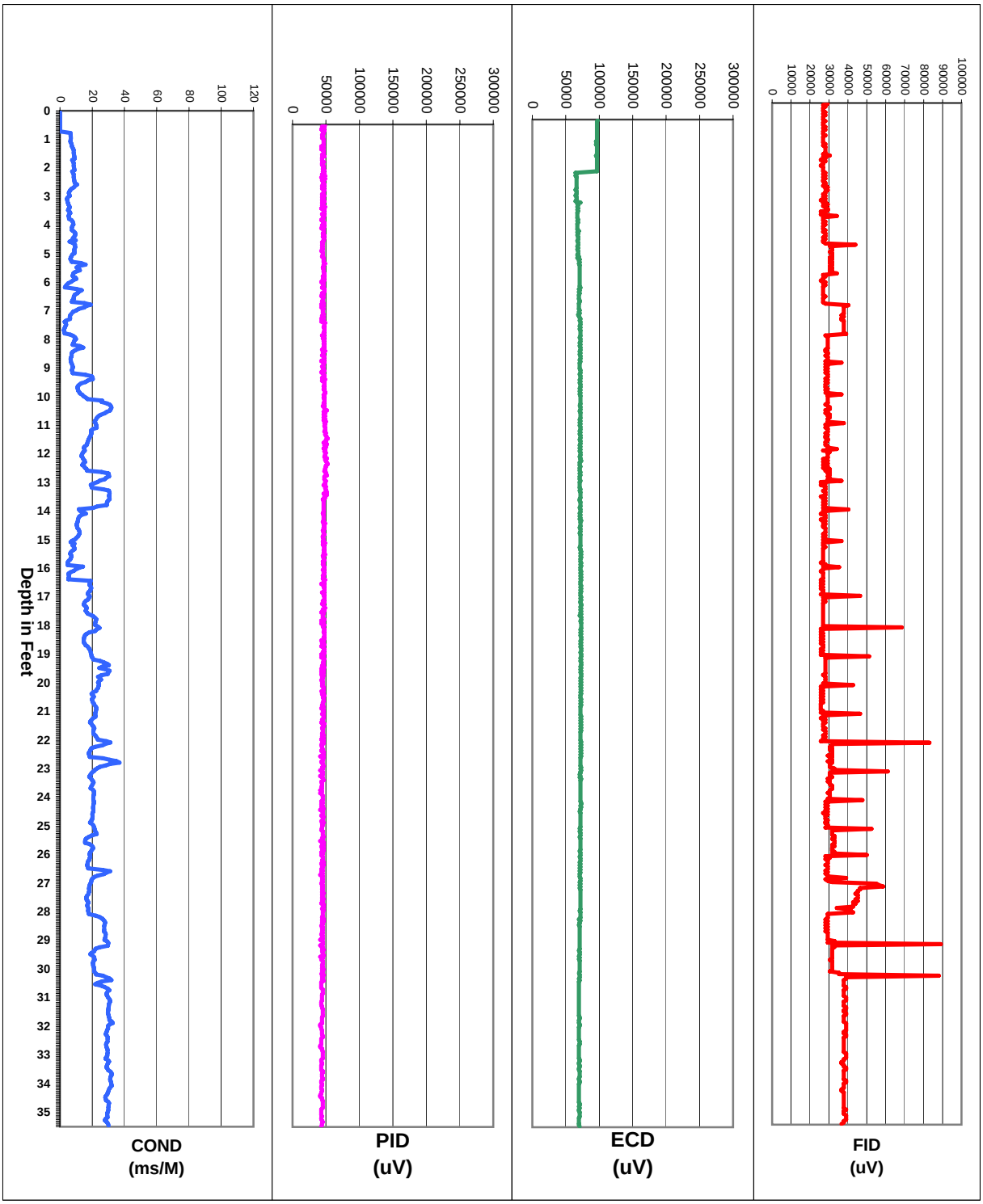
ZEBRA EC/MIP Summary Log, Point CHMIP23
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/8/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 7 of 9

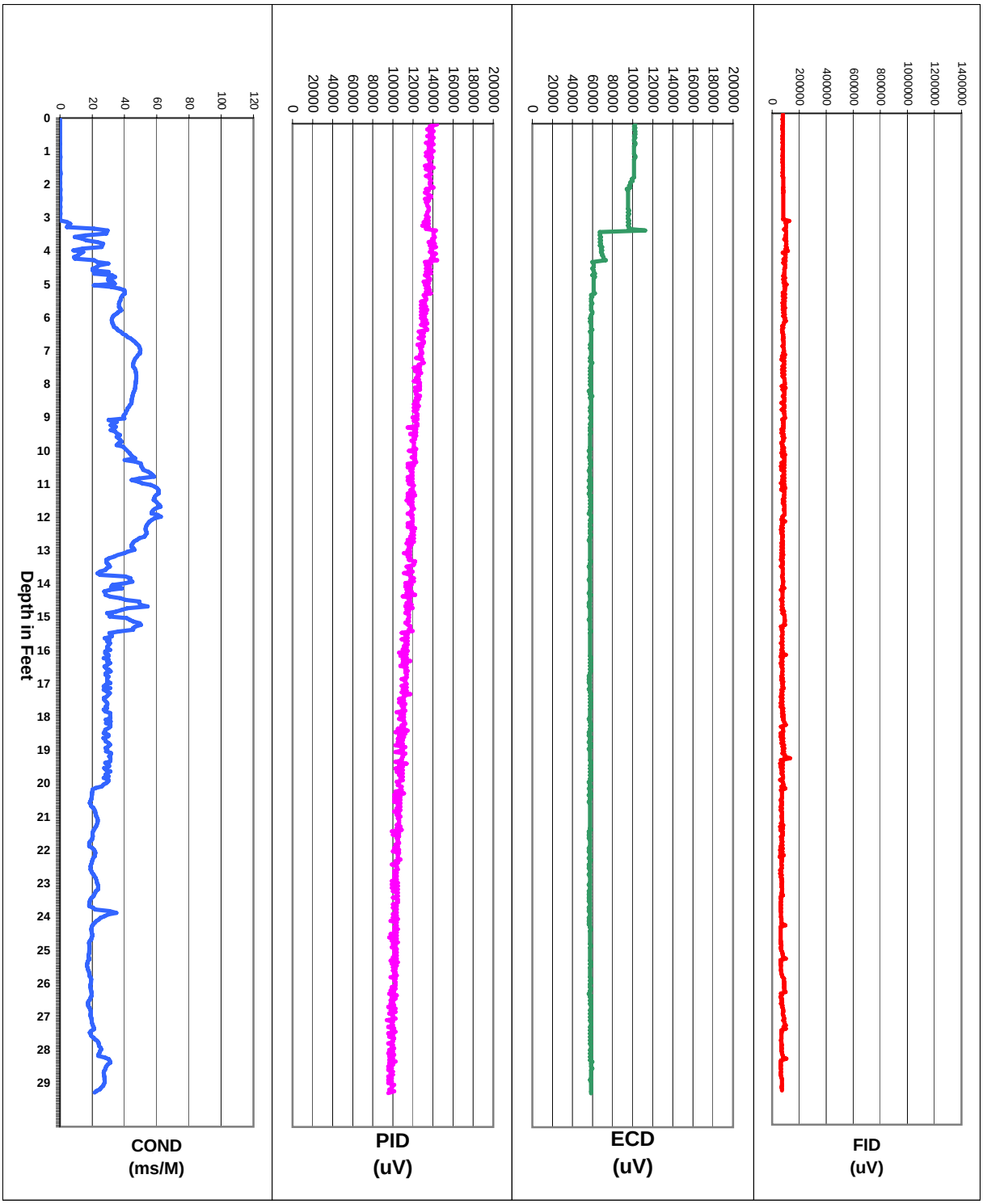
ZEBRA EC/MIP Summary Log, Point CHMIP24A
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/10/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 5 of 5

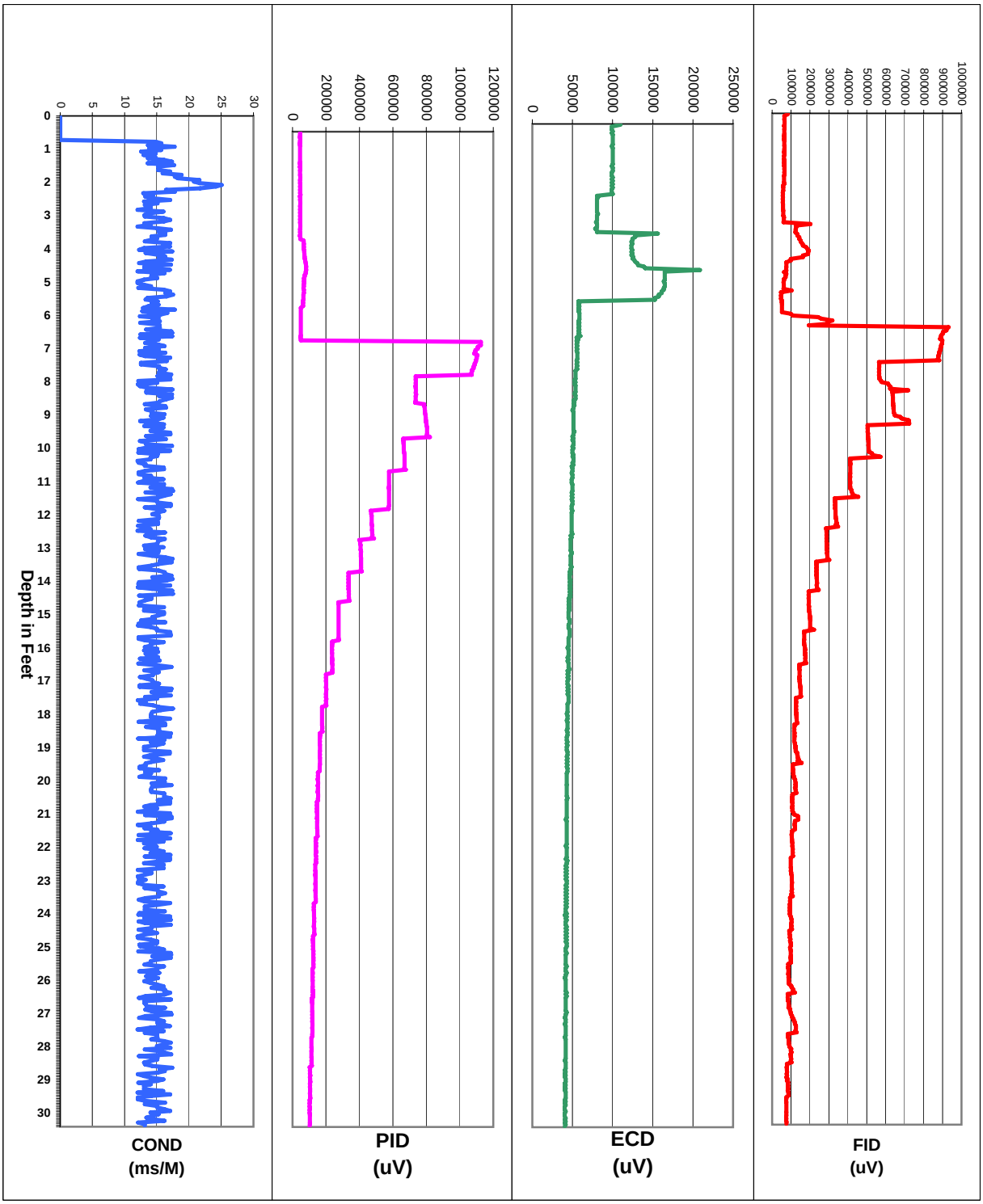
ZEBRA EC/MIP Summary Log, Point CHMIP25
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/8/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 8 of 9

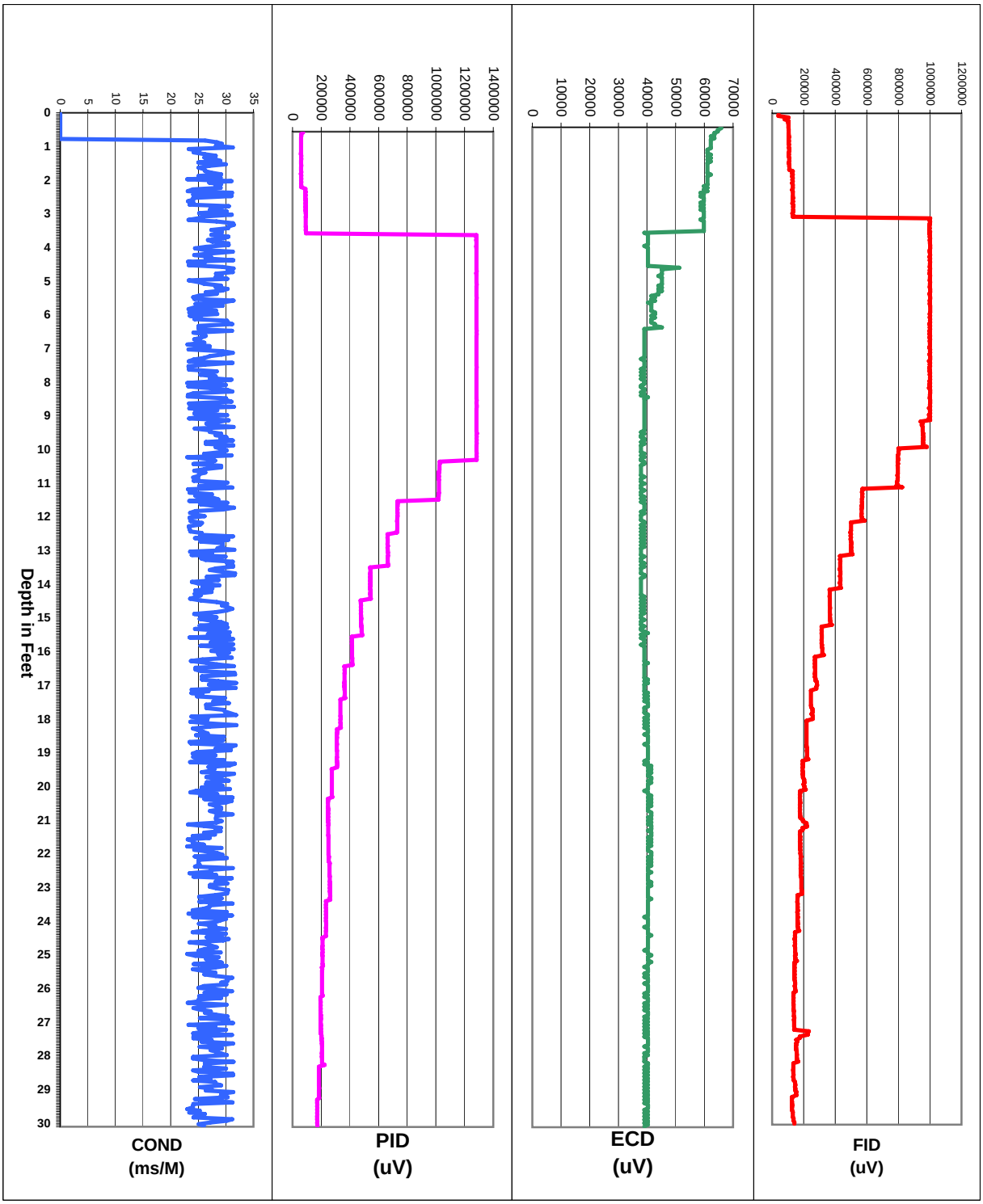
ZEBRA EC/MIP Summary Log, Point CHMIP26
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 2 of 9

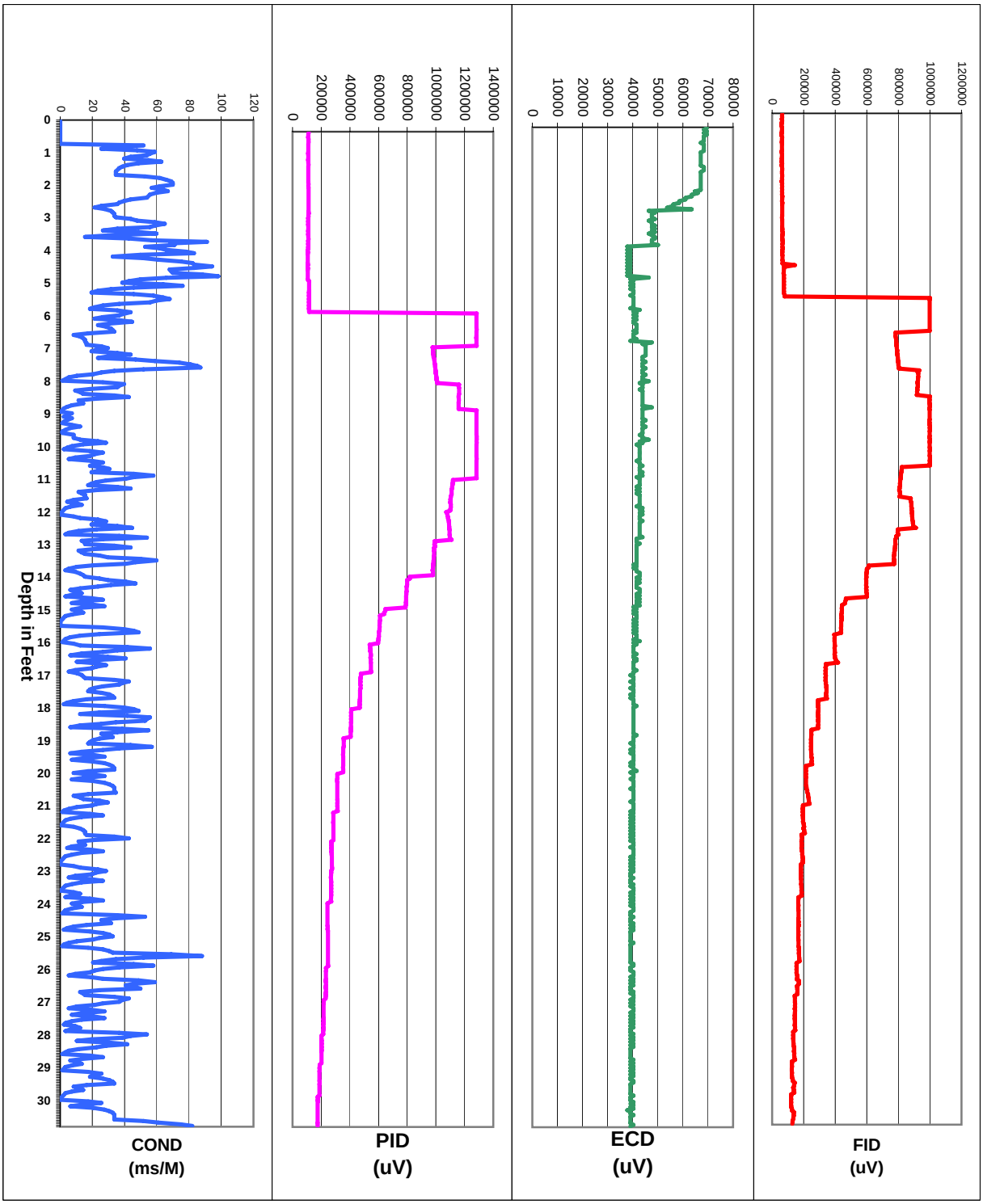
ZEBRA EC/MIP Summary Log, Point CHMIP27
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 3 of 9

ZEBRA EC/MIP Summary Log, Point CHMIP28
Schenectady

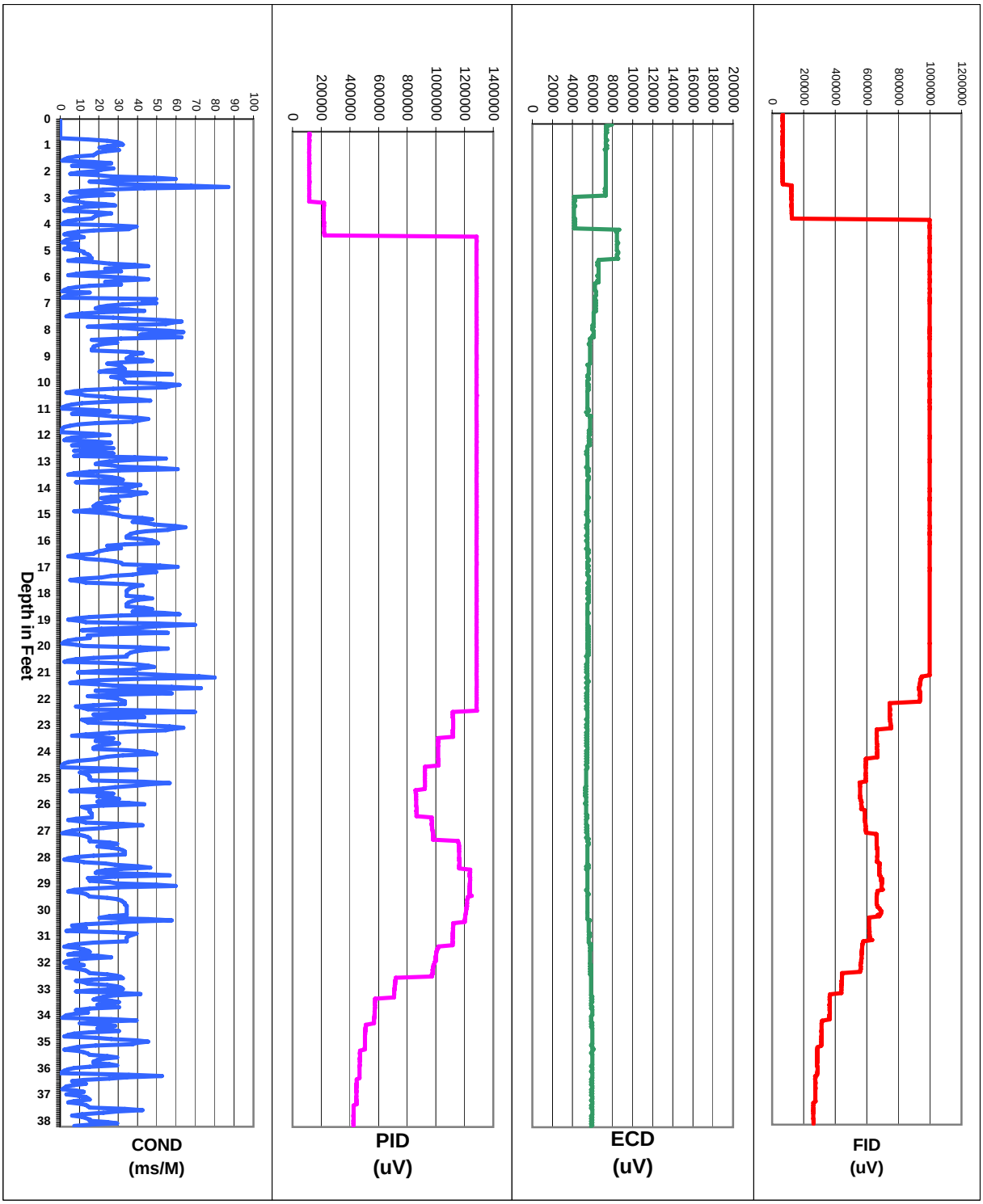


ZEBRA

for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 4 of 9

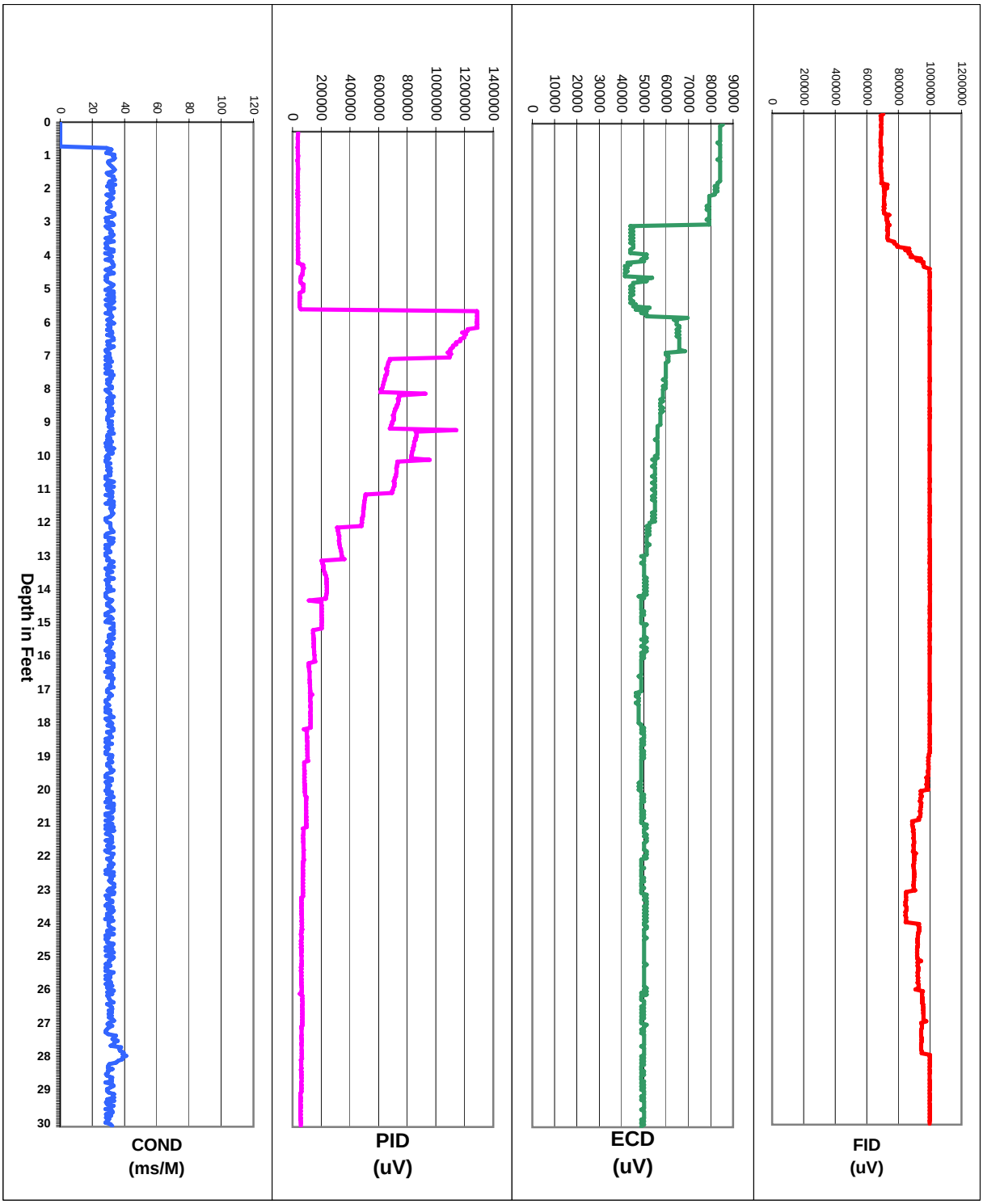
ZEBRA EC/MIP Summary Log, Point CHMIP29
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 5 of 9

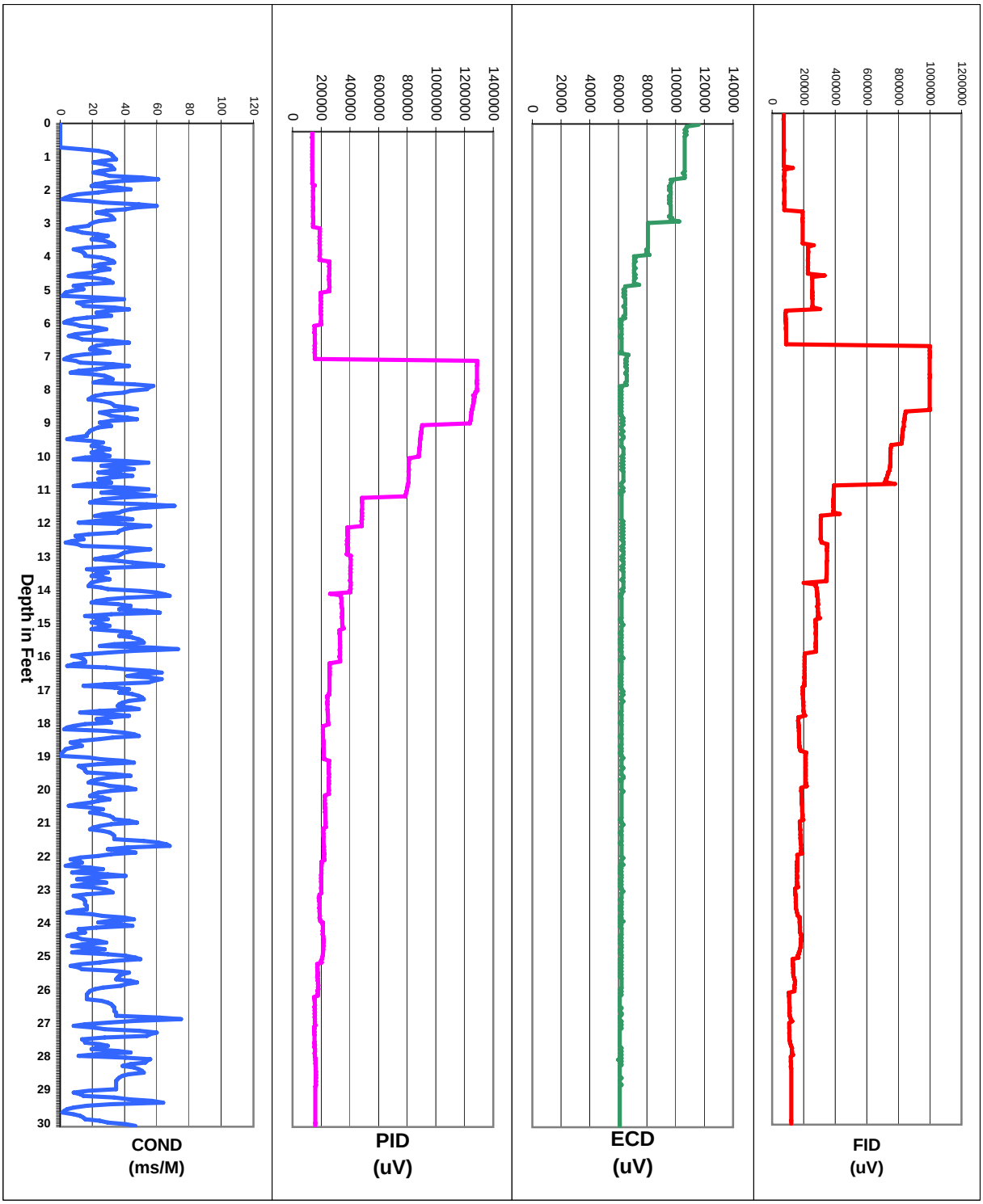
ZEBRA EC/MIP Summary Log, Point CHMIP30
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 6 of 9

ZEBRA EC/MIP Summary Log, Point CHMIP31
Schenectady

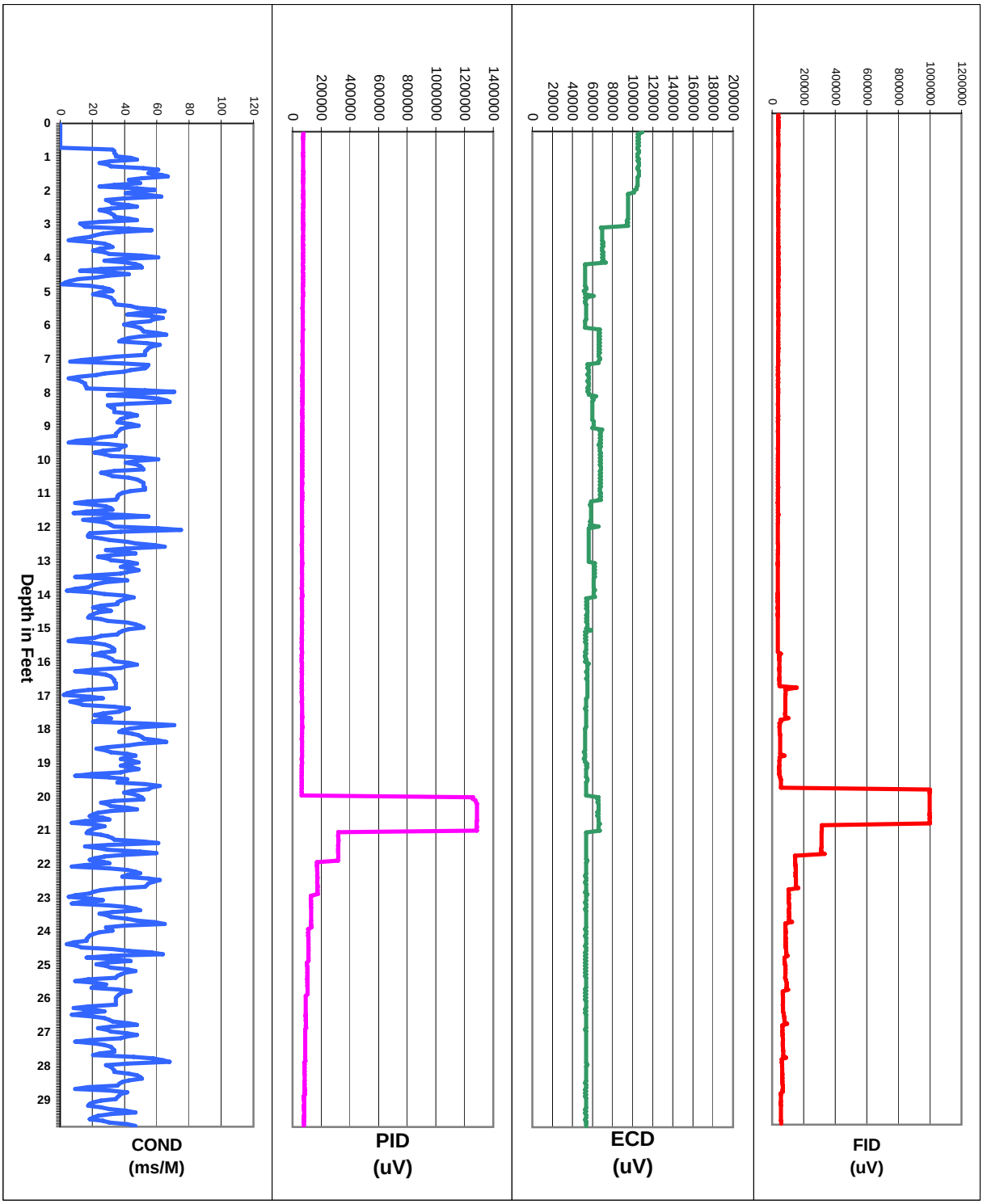


ZEBRA

for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 7 of 9

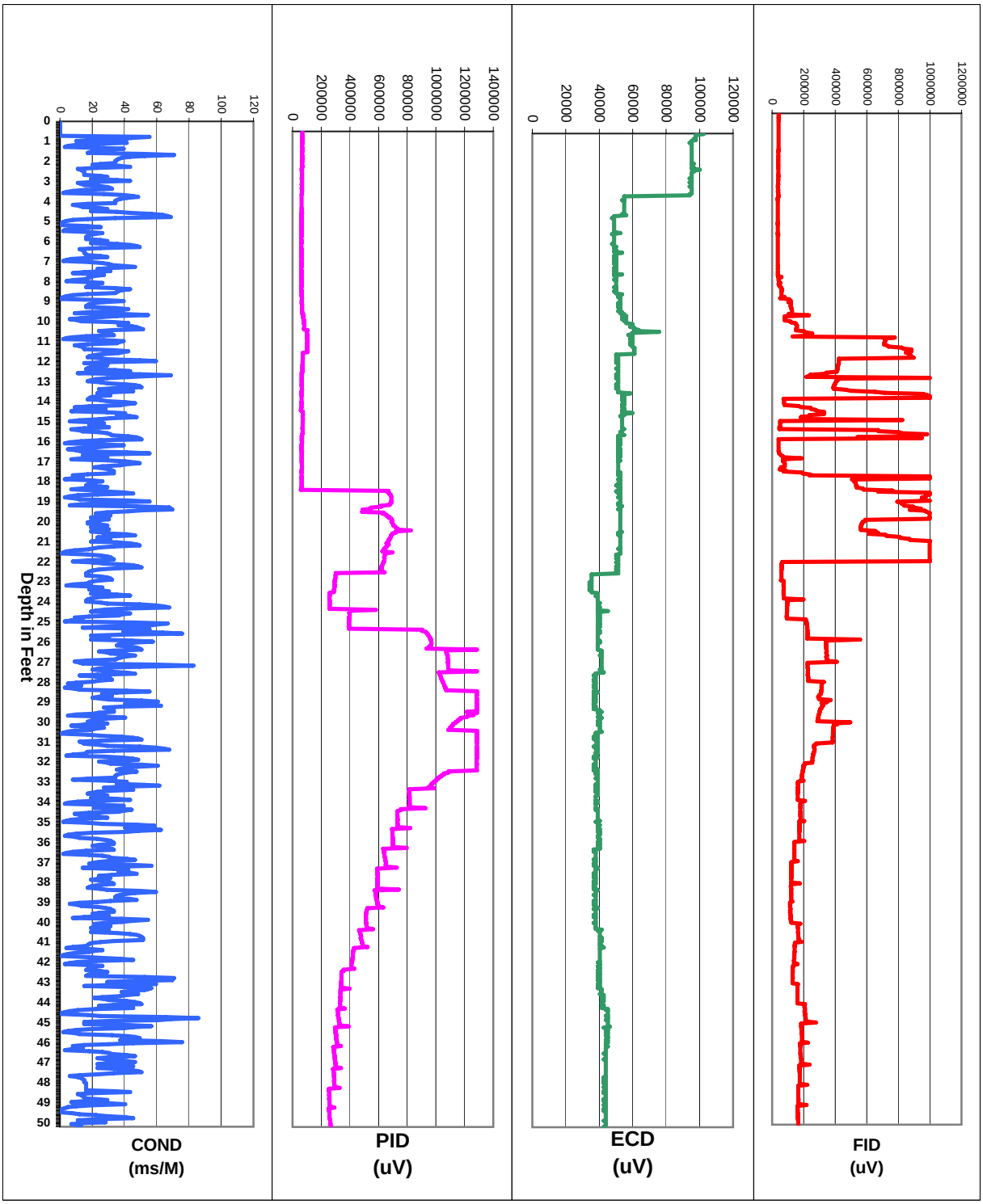
ZEBRA EC/MIP Summary Log, Point CHMIP32
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 8 of 9

ZEBRA EC/MIP Summary Log, Point CHMIP33
Schenectady



for: CHA
by: Zebra Environmental
30 No. Prospect Avenue
Lynbrook, NY 11563
(516) 596-6300

Date: 10/9/2007
Proj. Name: Schenectady
Proj. #: DS12963
Operators: Will M
Point 9 of 9

SIGROUP
P. O. Box 1046 -- Schenectady, NY 12301 -- (518) 370-4200
ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000089

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 10, 2007

Time Sampled: 8:10

Date Received: Wednesday, October 10, 2007

Time Received: 15:00

Date Analyzed: Friday, October 11, ~~1907~~ 2007 ABS

Time Analyzed: 12:21

Sample Weight: 13.3065

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

SIGROUP
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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000138A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 10, 2007

Time Sampled: 8:00

Date Received: Wednesday, October 10, 2007

Time Received: 16:00

Date Analyzed: Thursday, October 10, ~~1967~~ 2007 [illegible]

Time Analyzed: 11:55

Sample Weight: 11.4921

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	13.5		4.7
1319-77-3	Cresol Total	0.0	U	3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000163A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 12:45

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 17:03

Sample Weight: 14.0500

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000140A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 12:35

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 16:37

Sample Weight: 11.1200

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000141A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 10:10

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 16:10

Sample Weight: 14.0600

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	2.8	J	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	3.9		2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	4.5	J	4.7
1319-77-3	Cresol Total	10.9		3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000145A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 10:05

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 15:44

Sample Weight: 12.9600

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	3.2	J	3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000137

Laboratory Notebook No. 2018 92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 10:00

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 15:18

Sample Weight: 12.9200

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	8.8		3.3
100-41-4	Ethylbenzene	5.2		2.3
1330-20-7	Xylene Total	2.8	J	4.2
108-95-2	Phenol	8.1		4.7
1319-77-3	Cresol Total	37.0		3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000144A

Laboratory Notebook No. 2048 92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 9:55

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 14:52

Sample Weight: 14.0300

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000119A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 8:00

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 14:25

Sample Weight: 11.4400

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	6.0		3.3
100-41-4	Ethylbenzene	17.8		2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	8.2		4.7
1319-77-3	Cresol Total	8.6		3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000099

Laboratory Notebook No. 2018-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 7:55

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 13:59

Sample Weight: 14.7400

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	8.2		2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000139

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 15:10

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 12:37

Sample Weight: 16.4300

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000120A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 15:00

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 12:11

Sample Weight: 12.6700

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	15.9		3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	5.2		4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000132

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 14:55

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 11:45

Sample Weight: 14.8600

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID; RIA

Laboratory Sample ID No. 000085

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 14:45

Date Received: Thursday, October 11, 2007

Time Received: 17:00

Date Analyzed: Saturday, October 12, 1907

Time Analyzed: 11:18

Sample Weight: 14.0400

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L., mg/kg
71 43 2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000142

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 7:40

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Monday, October 15, 2007

Time Analyzed: 16:16

Sample Weight: 14.8973

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000090

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 7:45

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Monday, October 15, 2007

Time Analyzed: 16:42

Sample Weight: 15.2155

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000130

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 8:00

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Monday, October 15, 2007

Time Analyzed: 17:08

Sample Weight: 12.9576

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000133A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 9:35

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Monday, October 15, 2007

Time Analyzed: 17:34

Sample Weight: 10.1171

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	13.1		4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000087

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 9:50

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Monday, October 15, 2007

Time Analyzed: 18:00

Sample Weight: 10.6098

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000091

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 10:00

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 12:47

Sample Weight: 14.7900

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000114

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 11:15

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Monday, October 15, 2007

Time Analyzed: 21:44

Sample Weight: 14.5156

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	6.7		2.3
1330-20-7	Xylene Total	34.7		4.2
108-95-2	Phenol	5.3		4.7
1319-77-3	Cresol Total	5.9		3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000160A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 11:20

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Monday, October 15, 2007

Time Analyzed: 22:10

Sample Weight: 14.2817

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	8.4		2.9
108-90-7	Chlorobenzene	5.8		3.3
100-41-4	Ethylbenzene	16.6		2.3
1330-20-7	Xylene Total	100.5		4.2
108-95-2	Phenol	20.6		4.7
1319-77-3	Cresol Total	63.4		3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000135

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 13:40

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Monday, October 15, 2007

Time Analyzed: 22:36

Sample Weight: 18.0182

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1ul.

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000147A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Friday, October 12, 2007

Time Sampled: 13:45

Date Received: Friday, October 12, 2007

Time Received: 16:30

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 11:03

Sample Weight: 14.2340

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000129A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 7:35

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 16:32

Sample Weight: 12.7221

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000126A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 7:45

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 16:58

Sample Weight: 12.7123

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L., mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000134A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 7:50

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 17:24

Sample Weight: 12.9836

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1ul.

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000143A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 8:00

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 17:50

Sample Weight: 12.4150

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000174A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 9:25

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 18:16

Sample Weight: 12.3130

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000164A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 9:30

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 18:42

Sample Weight: 13.8300

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1ml.

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000092

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 12:55

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 21:20

Sample Weight: 12.5680

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	1277.4		2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	371.0		2.3
1330-20-7	Xylene Total	1315.9		4.2
108-95-2	Phenol	88.5		4.7
1319-77-3	Cresol Total	359.2		3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000051

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 13:00

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 21:47

Sample Weight: 14.0585

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	207.1		2.9
108-90-7	Chlorobenzene	207.1		3.3
100-41-4	Ethylbenzene	68.8		2.3
1330-20-7	Xylene Total	182.6		4.2
108-95-2	Phenol	26.6		4.7
1319-77-3	Cresol Total	140.8		3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000095

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 13:10

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 22:13

Sample Weight: 14.9523

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000074

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 15:20

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 22:39

Sample Weight: 16.2723

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000075

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 15:30

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 23:05

Sample Weight: 11.6091

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000038

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 15, 2007

Time Sampled: 15:40

Date Received: Monday, October 15, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 16, 2007

Time Analyzed: 22:31

Sample Weight: 11.1247

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1ul.

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	22.1		2.9
108-90-7	Chlorobenzene	7.9		3.3
100-41-4	Ethylbenzene	57.9		2.3
1330-20-7	Xylene Total	419.7		4.2
108-95-2	Phenol	58.8		4.7
1319-77-3	Cresol Total	33.7		3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE CM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000119A

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 11, 2007

Time Sampled: 8:00

Date Received: Thursday, October 11, 2007

Time Received: 15:00

Date Analyzed: Friday, October 12, 2007

Time Analyzed: 14:25

Sample Weight: 11.4400

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1ul

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D.L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	6.0		3.3
100-41-4	Ethylbenzene	17.8		2.3
1330-20-7	Xylene Total	83.1		4.2
108-95-2	Phenol	8.2		4.7
1319-77-3	Cresol Total	8.6		3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001136

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/26/07

Time Sampled: 0840

Date Received: 10/26/07

Time Received: 1645

Date Analyzed: 10/30/07

Time Analyzed: 1530

Sample Weight: 13.0286

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001175

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/26/07
Time Sampled: 0850

Date Received: 10/26/07
Time Received: 1645

Date Analyzed: 10/26/07
Time Analyzed: 1557

Sample Weight: 11.1494

Dilution Factor: 1

Method Extraction Volume: 10mL

Instrument ID No. 3133A37367 FRONT

Injection Volume: 1uL

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	2.8		1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	28.3		4.7
1319-77-3	Cresol Total	201.4		3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000039

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/26/07
Date Received: 10/26/07
Date Analyzed: 10/30/07

Time Sampled: 0830
Time Received: 1045
Time Analyzed: 1436

Sample Weight: 11.1100
Dilution Factor: 1
Method Extraction Volume: 10mL
Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	9.0		3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001184

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/29/07

Time Sampled: 1140

Date Received: 10/29/07

Time Received: 1610

Date Analyzed: 10/30/07

Time Analyzed: 2244

Sample Weight: 11.5353

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	9.7		2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	14.0		2.3
1330-20-7	Xylene Total	85.9		4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	10.7		3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001185

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/29/07
Date Received: 10/29/07
Date Analyzed: 10/30/07

Time Sampled: 1130
Time Received: 1610
Time Analyzed: 2217

Sample Weight: 11.5203
Dilution Factor: 1
Method Extraction Volume: 10mL
Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108 95 2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001213

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/29/07
Date Received: 10/29/07
Date Analyzed: 10/30/07

Time Sampled: 1120
Time Received: 1610
Time Analyzed: 2150

Sample Weight: 12.8545
Dilution Factor: 1
Method Extraction Volume: 10mL
Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001208

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/29/07
Time Sampled: 1115

Date Received: 10/29/07
Time Received: 1610

Date Analyzed: 10/30/07
Time Analyzed: 2123

Sample Weight: 10.9288

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001225

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/29/07
Date Received: 10/29/07
Date Analyzed: 10/30/07

Time Sampled: 0950
Time Received: 1610
Time Analyzed: 2056

Sample Weight: 10.0619
Dilution Factor: 1
Method Extraction Volume: 10mL
Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	15.5		3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001230

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/29/07

Time Sampled: 0940

Date Received: 10/29/07

Time Received: 1610

Date Analyzed: 10/30/07

Time Analyzed: 2029

Sample Weight: 10.5888

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	3.4		2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	19.2		4.2
108-95-2	Phenol	51.8		4.7
1319-77-3	Cresol Total	40.9		3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001141

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/29/07
Time Sampled: 0930

Date Received: 10/29/07
Time Received: 1610

Date Analyzed: 10/30/07
Time Analyzed: 2002

Sample Weight: 12.0006

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	17.0		4.2
108-95-2	Phenol	42.6		4.7
1319-77-3	Cresol Total	244.7		3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001135

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/29/07

Time Sampled: 0910

Date Received: 10/29/07

Time Received: 1610

Date Analyzed: 10/30/07

Time Analyzed: 1935

Sample Weight: 13.7046

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001653

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/30/07

Time Sampled: 0900

Date Received: 10/30/07

Time Received: 1640

Date Analyzed: 11/1/07

Time Analyzed: 0858

Sample Weight: 11.3198

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.1
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001134

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/30/07

Time Sampled: 0920

Date Received: 10/30/07

Time Received: 1640

Date Analyzed: 11/1/07

Time Analyzed: 0925

Sample Weight: 13.9814

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001139

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/30/07

Time Sampled: 0940

Date Received: 10/30/07

Time Received: 1440

Date Analyzed: 11/1/07

Time Analyzed: 0952

Sample Weight: 11.9339

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108 95 2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

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RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 001140

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/30/07

Time Sampled: 0000

Date Received: 10/30/07

Time Received: 1640

Date Analyzed: 11/1/07

Time Analyzed: 1019

Sample Weight: 6.3866

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	13.6		1.6
108-88-3	Toluene	105.3		2.9
108-90-7	Chlorobenzene	23.0		3.3
100-41-4	Ethylbenzene	85.7		2.3
1330-20-7	Xylene Total	712.8		4.2
108 95-2	Phenol	257.0		4.7
1319-77-3	Cresol Total	181.9		3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 00 1138

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: 10/30/07

Time Sampled: 1100

Date Received: 10/30/07

Time Received: 1640

Date Analyzed: 11/1/07

Time Analyzed: 1046

Sample Weight: 9.4571

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	66.3		1.6
108-88-3	Toluene	185.5		2.9
108-90-7	Chlorobenzene	16.9		3.3
100-41-4	Ethylbenzene	246.5		2.3
1330-20-7	Xylene Total	2340.0		4.2
108-95-2	Phenol	143.3		4.7
1319-77-3	Cresol Total	57.9		3.4

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000041

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 25, 2007

Time Sampled: 13:00

Date Received: Thursday, October 25, 2007

Time Received: 18:00

Date Analyzed: Friday, October 26, 2007

Time Analyzed: 15:40

Sample Weight: 10.8076

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW18 A-07
4'-6'

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000047

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 25, 2007

Time Sampled: 13:20

Date Received: Thursday, October 25, 2007

Time Received: 16:45

Date Analyzed: Friday, October 26, 2007

Time Analyzed: 16:07

Sample Weight: 12.7546

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	1.3	J	3.4

OW18A-07
10-12

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000084

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 25, 2007

Time Sampled: 13:40

Date Received: Thursday, October 25, 2007

Time Received: 16:45

Date Analyzed: Friday, October 26, 2007

Time Analyzed: 16:34

Sample Weight: 14.5650

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

DW18A-07
16'-18'

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000064

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Thursday, October 25, 2007

Time Sampled: 13:50

Date Received: Thursday, October 25, 2007

Time Received: 16:45

Date Analyzed: Friday, October 26, 2007

Time Analyzed: 17:01

Sample Weight: 14.3125

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	3.7		2.9
108-90-7	Chlorobenzene	7.3		3.3
100-41-4	Ethylbenzene	4.5		2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	5.4		4.7
1319-77-3	Cresol Total	17.7		3.4

OW184-07
20'-22'

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000096

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 22, 2007

Time Sampled: 12:00

Date Received: Tuesday, October 23, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 23, 2007

Time Analyzed: 15:14

Sample Weight: 12.9725

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW15B-07
2'-4'

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000048

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 22, 2007

Time Sampled: 12:10

Date Received: Tuesday, October 23, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 23, 2007

Time Analyzed: 15:41

Sample Weight: 17.5425

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW15B-07
6'-8'

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RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000097

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Monday, October 22, 2007

Time Sampled: 12:20

Date Received: Tuesday, October 23, 2007

Time Received: 18:00

Date Analyzed: Tuesday, October 23, 2007

Time Analyzed: 16:08

Sample Weight: 14.7051

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW15B-07
10'-12'
(STL)

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD – SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000066

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Tuesday, October 23, 2007

Time Sampled: 13:45

Date Received: Tuesday, October 23, 2007

Time Received: 18:00

Date Analyzed: Wednesday, October 24, 2007

Time Analyzed: 11:29

Sample Weight: 12.3555

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	8.1		4.7
1319-77-3	Cresol Total	6.9		3.4

OW16A-07
6'-8'

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000042

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Tuesday, October 23, 2007

Time Sampled: 13:55

Date Received: Tuesday, October 23, 2007

Time Received: 18:00

Date Analyzed: Wednesday, October 24, 2007

Time Analyzed: 11:55

Sample Weight: 9.9089

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	35.7		2.3
1330-20-7	Xylene Total	13.6		4.2
108-95-2	Phenol	6.8		4.7
1319-77-3	Cresol Total	17.7		3.4

OW16A-07
8'-10'

I

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000071

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Tuesday, October 23, 2007

Time Sampled: 14:05

Date Received: Tuesday, October 23, 2007

Time Received: 18:00

Date Analyzed: Wednesday, October 24, 2007

Time Analyzed: 12:22

Sample Weight: 12.6625

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	19.8		2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	24.7		2.3
1330-20-7	Xylene Total	27.9		4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW 16A-07
10'-12'
(STL)

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000094

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 24, 2007

Time Sampled: 9:50

Date Received: Wednesday, October 24, 2007

Time Received: 18:00

Date Analyzed: Thursday, October 25, 2007

Time Analyzed: 15:11

Sample Weight: 13.8687

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D.L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW17A-07 (2'-4')

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000110

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 24, 2007

Time Sampled: 9:55

Date Received: Wednesday, October 24, 2007

Time Received: 18:00

Date Analyzed: Thursday, October 25, 2007

Time Analyzed: 15:38

Sample Weight: 11.6019

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	7.8		2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW17A-07
(6'-8')

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000072

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 24, 2007

Time Sampled: 10:00

Date Received: Wednesday, October 24, 2007

Time Received: 18:00

Date Analyzed: Thursday, October 25, 2007

Time Analyzed: 16:05

Sample Weight: 12.5768

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D.L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	214.9		2.9
108-90-7	Chlorobenzene	21.7		3.3
100-41-4	Ethylbenzene	174.5		2.3
1330-20-7	Xylene Total	22.0		4.2
108-95-2	Phenol	42.7		4.7
1319-77-3	Cresol Total	24.7		3.4

OW17A-07
(8'-10')

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000069

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 24, 2007

Time Sampled: 10:10

Date Received: Wednesday, October 24, 2007

Time Received: 18:00

Date Analyzed: Thursday, October 25, 2007

Time Analyzed: 16:58

Sample Weight: 10.9714

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	21.0		2.9
108-90-7	Chlorobenzene	6.9		3.3
100-41-4	Ethylbenzene	15.3		2.3
1330-20-7	Xylene Total	39.4		4.2
108-95-2	Phenol	4.4	J	4.7
1319-77-3	Cresol Total	7.6		3.4

OW17A-07
(10'-12')
(STL)

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000088

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 24, 2007

Time Sampled: 13:50

Date Received: Wednesday, October 24, 2007

Time Received: 18:00

Date Analyzed: Thursday, October 25, 2007

Time Analyzed: 17:25

Sample Weight: 12.5168

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	0.0	U	2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	0.0	U	2.3
1330-20-7	Xylene Total	0.0	U	4.2
108-95-2	Phenol	0.0	U	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW 22-07
(4'-6')

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000086

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 24, 2007

Time Sampled: 14:00

Date Received: Wednesday, October 24, 2007

Time Received: 18:00

Date Analyzed: Thursday, October 25, 2007

Time Analyzed: 18:18

Sample Weight: 13.1726

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L. mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	7.2		2.9
108-90-7	Chlorobenzene	0.0	U	3.3
100-41-4	Ethylbenzene	259.8		2.3
1330-20-7	Xylene Total	917.1		4.2
108-95-2	Phenol	3.8	J	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW22-07
8-10
(STL)

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ANALYTICAL DEPARTMENT ENVIRONMENTAL LABORATORY

RAPID CHARACTERIZATION METHOD -- SII PROCEDURE GM00410

Data Sheet

Location: Congress St

Project ID: RIA

Laboratory Sample ID No. 000076

Laboratory Notebook No. 2048-92

Field Book No. RIA

Date Sampled: Wednesday, October 24, 2007

Time Sampled: 14:05

Date Received: Wednesday, October 24, 2007

Time Received: 18:00

Date Analyzed: Thursday, October 25, 2007

Time Analyzed: 17:52

Sample Weight: 16.6976

Dilution Factor: 1

Method Extraction Volume: 10mL

Injection Volume: 1uL

Instrument ID No. 3133A37367 FRONT

CAS No.	Compound	Concentration mg/kg	Lab Q	Minimum_D. L._mg/kg
71-43-2	Benzene	0.0	U	1.6
108-88-3	Toluene	5.9		2.9
108-90-7	Chlorobenzene	3.2	J	3.3
100-41-4	Ethylbenzene	198.0		2.3
1330-20-7	Xylene Total	698.4		4.2
108-95-2	Phenol	2.7	J	4.7
1319-77-3	Cresol Total	0.0	U	3.4

OW22-07
(10'-12')