

CS GeoLogic LLC

Invoice

920 Cambridge Dr.
Libertyville, IL 60048

Date	Invoice #
5/7/2014	301

Bill To
Ms. Michelle Masoncup Deputy City Attorney Evanston, Illinois 60201

Client Job Description
Evanston James Park Investigation Phase I Drilling & Probe Installation Phase II CPT & Probe Installation Gas Sample Characterization Billing Period Feb 12 - May 4, 2014

P.O. No.	Terms	Project Number
09010502	Net 45	

Quantity	Description	Rate	Amount
	Phase I Probe Installation (Drilling)		
2	Principal Hydrogeologist - Drilling Contract	95.00	190.00
1.5	Principal Hydrogeologist - Driller agreement terms	95.00	142.50
0.5	Principal Hydrogeologist - Soil Disposal calls	95.00	47.50
0.5	Principal Hydrogeologist - Insurance Certs	95.00	47.50
6	Principal Hydrogeologist - Kick off mtg site visit	95.00	570.00
3	Principal Hydrogeologist - Utility clear mtg, pick up PID	95.00	285.00
1	Principal Hydrogeologist - Utility clear mtg, pick up PID	95.00	95.00
3	Staff Geologist - Safety Plan	75.00	225.00
3	Staff Geologist - Safety Plan	75.00	225.00
12	Staff Geologist - Drilling	75.00	900.00
10	Staff Geologist - Drilling	75.00	750.00
1	Principal Hydrogeologist - Change Order Shallow probe/Scoping	95.00	95.00
7.5	Staff Geologist - Drilling	75.00	562.50
9.75	Staff Geologist - Drilling	75.00	731.25
9.5	Staff Geologist - Drilling	75.00	712.50
	Drilling Labor Subtotal = \$5,578.75		
	Expense Summary		
1.05	Subcontracted Services- Earth Solutions Drilling	14,007.50	14,707.88
5	Equipment Rental (WL meter \$15/day)	15.00	75.00
5	Equipment Rental (Landtec Multi Gas Meter)	90.00	450.00
5	Equipment Rental (PID Indicator)	80.00	400.00
354	Mileage Reimbursement	0.55	194.70
10	Edens Spur Toll	1.50	15.00
	Phase I Drilling Program Expense Subtotal = \$15,842.58		
	Subtotal Phase I Drilling/Probe Installation \$21,421.33		
	Probe Field Monitoring		
1	Staff Geologist - Gas Probe Monitoring	75.00	75.00
1	Staff Geologist - Gas probe monitoring	75.00	75.00
2.5	Staff Geologist - Pick up materials for Probe Tops	75.00	187.50
2.5	Staff Geologist - Construct Probe fittings for monitoring	75.00	187.50
2.5	Principal Hydrogeologist	95.00	237.50
Please call Craig Rawlinson at (847) 804-6064 with questions.		Total	

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P.O. No.	Terms	Project Number
09010502	Net 45	

Quantity	Description	Rate	Amount
	Subtotal Probe Monitoring Labor= \$762.50		
	Expense Summary		
1	Equipment Rental (Water Level meter)	15.00	15.00
1	Equipment Rental (Landtec Multi gas meter)	90.00	90.00
62	Mileage Reimbursement	0.55	34.10
	Subtotal Probe Monitoring Expenses = \$139.10		
	Subtotal Probe Monitoring labor & Expense = \$901.60		
	Planning and Scoping Next Steps		
1.5	Principal Hydrogeologist - Change Order Shallow probe/Scoping	95.00	142.50
2.5	Principal Hydrogeologist - CPT Contractor/Oxidizer Calls	95.00	237.50
3.5	Principal Hydrogeologist- Scoping	95.00	332.50
5	Principal Hydrogeologist - Scoping	95.00	475.00
1	Principal Hydrogeologist - Jeff Jeep Call gas analysis call	95.00	95.00
0.5	Principal Hydrogeologist- Field notes and logs	95.00	47.50
0.5	Principal Hydrogeologist - Michelle call, air photo review	95.00	47.50
1	Principal Hydrogeologist -Conference call discussing Apr 11 work plan	95.00	95.00
1	Principal Hydrogeologist - Jeff Jeep calls and emails	95.00	95.00
0.5	Principal Hydrogeologist -Jeff Jeep calls and emails	95.00	47.50
	Subtotal Strategic Planning =\$1,615		
	Phase II - CPT Rig Probe Installation		
4	Principal Hydrogeologist - Contractors mobilization	95.00	380.00
1	Principal Hydrogeologist - Contractors mobilization	95.00	95.00
2.25	Principal Hydrogeologist - Contractors mobilization	95.00	213.75
4.5	Staff Geologist - Utility meet	75.00	337.50
1.5	Principal Hydrogeologist - Contractors mobilization	95.00	142.50
2	Principal Hydrogeologist - Right of Way Permit	95.00	190.00
3	Staff Geologist - Utility Clearance	75.00	225.00
12	Staff Geologist - CPT Field work/probe installation	75.00	900.00
12	Staff Geologist - CPT Field work/probe installation	75.00	900.00
12.5	Staff Geologist - CPT Field work/probe installation	75.00	937.50
11.5	Staff Geologist - CPT Field work/probe installation	75.00	862.50
	Subtotal CPT investigation Labor = \$5,183.75		

Please call Craig Rawlinson at (847) 804-6064 with questions.

Total

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P.O. No.	Terms	Project Number
09010502	Net 45	

Quantity	Description	Rate	Amount
	CPT Investigation Expense Summary		
1.05	Subcontracted Services- Stratigraphics CPT	18,745.75	19,683.04
4	Equipment Rental (Landtec Multi gas meter)	90.00	360.00
306	Mileage Reimbursement	0.55	168.30
1.05	Reimbursable Expenses (Well surface completion materials - manholes, locks, cement)	392.18	411.79
1.05	Reimbursable Expenses (vac extraction - 46 bags backfill pea gravel)	100.28	105.29
1.05	Reimbursable Expenses (probe pressure top seals, fittings, etc.)	244.18	256.39
1.05	Reimbursable Expenses (4x8 plywood 4 sheets) to minimize landscape damage	111.30	116.87
	Subtotal CPT Investigation Expenses = \$21,101.68		
	Subtotal CPT Probe Installation \$26,285.43		

Please call Craig Rawlinson at (847) 804-6064 with questions.

Total \$50,223.36

STRATIGRAPHICS INVOICE FOR SERVICES
5/7/2014

Invoice submitted to:
Craig S. Rawlinson, P.G.
CS Geologic LLC
928 Cambridge Drive
Libertyville, Illinois 60048

Invoice No: 14-120-02D
Project: Evanston James Park
Client: CS Geologic
Client Rep: Craig Rawlinson
Terms: Net 45

DATE	MOB CREW CHANGE	Setups w GPS		GPTU-EC		Hard push surcharge		Dispositions		Rig Setups		Piezometer		PIEZOMETER INSTALL AND PREPUNCHING		HOURLY CHARGES		Daily Charges Per diem (\$295/day)	DAILY TOTAL	CUMULATIVE TOTAL
		No	Cost (\$125/each)	Footage (\$12/ft)	Footage	Cost (\$9/ft)	No	Cost (\$39/each)	No	Cost (\$50/each)	Footage	Cost (\$15/ft)	Footage	Cost (\$8/ft)	No	Cost (\$275/hr)				
28-Apr-14	\$1,275.00	0	\$0.00	0.0	\$0.00	0	\$0.00	0	\$0.00	0.0	\$0.00	0.0	\$0.00	0.00	\$0.00	1.50	\$412.50	\$295.00	\$1,570.00	\$1,570.00
29-Apr-14		2	\$250.00	109.1	\$1,309.20	\$0.00	\$0.00	2	\$70.00	54.5	\$817.50	54.5	\$436.75	0.00	\$0.00	1.75	\$481.25	\$295.00	\$3,154.20	\$4,724.20
30-Apr-14		3	\$375.00	164.7	\$1,976.40	\$0.00	\$0.00	3	\$105.00	169.0	\$2,385.00	169.0	\$1,353.60	0.00	\$0.00	0.50	\$137.50	\$295.00	\$5,617.65	\$10,341.85
1-May-14		2	\$250.00	112.8	\$1,353.60	\$0.00	\$0.00	2	\$70.00	106.0	\$1,590.00	106.0	\$858.00	0.00	\$0.00	1.00	\$275.00	\$295.00	\$4,581.10	\$14,922.95
2-May-14		2	\$250.00	111.9	\$1,342.80	\$0.00	\$0.00	2	\$70.00	106.0	\$1,590.00	106.0	\$858.00	0.00	\$0.00	1.00	\$275.00	\$295.00	\$3,822.80	\$18,745.75
	\$1,275.00	9	\$1,125.00	498.5	\$5,982.00	0.0	\$0.00	9	\$315.00	0	\$0.00	484.5	\$7,267.50	0.0	\$0.00	4.75	\$1,306.25	\$1,475.00	\$18,745.75	\$18,745.75

LESS CREDIT for supplies: \$950.0

TOTAL (this invoice only) **\$17,795.75**

Make checks payable to: **STRATIGRAPHICS**
26798 County T
Hillpoint, WI 53937

Please call about electronic payments

For questions about invoice, please contact Andrew Strutyński, Technical Director, andrew@stratigraphics.com, or voice at 888-790-2788



40W205 Deer Run Drive
 St. Charles, IL 60175
 630-443-0955

Invoice

Date	Invoice #
4/11/2014	2370

Bill To
CS Geologic LLC 920 Cambridge Drive Libertyville, Illinois 60048

P.O. No.	Terms	Work Order #
	Net 30	

Quantity	Description	Rate	Amount
	Services for 3/31/14-4/4/14, Oakton and Dodge, Evanston, IL		
5	D-120 Drill Rig Daily Services	1,600.00	8,000.00
5	D-120 Drill Rig Mobilization	225.00	1,125.00
3	Water Tank Daily Service	350.00	1,050.00
1	2" X 10' PVC Screen	42.00	42.00
5	2" X 10' PVC Riser	35.00	175.00
1	2" PVC Locking Cap	21.00	21.00
1	2" PVC Endcap	8.50	8.50
1	2" X 4 1/2" Shale Traps	18.00	18.00
2	1" X 5' Pre-Pack Screen	111.00	222.00
22	1 1/2" X 10' PVC Riser	30.00	660.00
2	1 1/2" PVC Endcap	11.00	22.00
2	1 1/2" Locking Cap	25.00	50.00
2	Coated Bentonite Pellets	90.00	180.00
7	Sand	12.00	84.00
89	Bentonite Chips	14.00	1,246.00
6	Bentonite Grout	32.00	192.00
6	Concrete	14.00	84.00
3	4" Stick Up Well Box	98.00	294.00
2	HQ Core Boxes	17.00	34.00
1	Decon Equipment	500.00	500.00
Total			\$14,007.50