

Usual and Customary Standardized Invoice #20 July 2016 - December 2016



RR-061A

PECFA #: 03-41-182126
 BRR's #: 53227-1093-59
 Site Name: City Wide Insulation Co
 Site Address: 2159 S. 116th Street
 West Allis, WI 53227

Vendor Name: United Engineering Consultants, Inc.
 Invoice #: _____
 Invoice Date: _____
 Check #: _____

U&C Total \$ 3,507.85
 Variance to U&C Total \$ -
 Grand Total \$ 3,507.85

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$ 72.45	1	\$ 72.45
1	GW Sampling		GS10	Incremental Sample Collection (natural attenuation)	Well	\$ 47.67		\$ -
1	GW Sampling		GS15	Incremental Sample Collection (cadmium & lead)	Well	\$ 26.25		\$ -
1	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	\$ 14.70		\$ -
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 628.11	1	\$ 628.11
1	GW Sampling		GS30	Temporary Well Abandonment	Well	\$ 26.99		\$ -
2	O & M Reporting		OMR05	Annual GW Monitoring (Form 4400-194)	Report	\$ 823.73		\$ -
2	O & M Reporting		OMR10	Annual GW Monitoring (Form 4400-194) with LNAPL Removal per RR-628	Report	\$ 1,040.45		\$ -
3	LNAPL Assessment & Removal		LAR05	Removal Activity (Limited to 12 per site)	Well	\$ 47.67		\$ -
3	LNAPL Assessment & Removal		LAR06	LNAPL Sample Collection (1 per site)	Site	\$ 20.58		\$ -
3	LNAPL Assessment & Removal		LAR10	Primary Mob/Demob	Site	\$ 518.07		\$ -
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$ 137.13		\$ -
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$ 42.11		\$ -
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 108.15		\$ -
4	Waste Disposal	Commodity	WD17	Landfill Environmental Fee (provide documentation)	Drum	\$ 118.76		\$ -
4	Waste Disposal	Commodity	WD20	Free Product	Site	\$ 287.70		\$ -
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Submittal	\$ 2,700.00		\$ -
5	Closure Request		CR05	Primary Closure Request	Submittal	\$ 1,151.75		\$ -
5	Closure Request		CR10	Closure Request with LNAPL Reporting (incremental to CR05)	Submittal	\$ 507.36		\$ -
5	Closure Request		CR15	GIS Packet Submittal (For Source Property only)	Packet	\$ 222.71		\$ -
5	Closure Request		CR20	GIS Packet Submittal (For off-site Properties only)	Per Additional Property	\$ -		\$ -
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,039.29	1	\$ 1,039.29
ACTUAL COST								

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
7	Regulatory Correspondence		RC05	Regulatory Correspondence	Letter/Status Update	\$ 128.94		\$ -
8	Well Abandonment	Consultant	WAB05	Coordination	Site	\$ 162.86		\$ -
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$ 2.52		\$ -
8	Well Abandonment	Consultant	WAB15	Water column > 30 ft (requires pumping [s. NR 141.25 (2) (d)])	Ft	\$ 8.82		\$ -
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$ 10.82		\$ -
8	Well Abandonment	Consultant	WAB25	Portland Cement (94lb bag)	Bag	\$ 8.19		\$ -
8	Well Abandonment	Consultant	WAB30	Primary Mob/Demob	Site	\$ 362.25		\$ -
8	Well Abandonment	Commodity	WAB35	Well Abandonment Mob/Demob	Site	\$ 412.55		\$ -
8	Well Abandonment	Commodity	WAB40	Well Abandonment (2 inch)	Ft	\$ 5.57		\$ -
8	Well Abandonment	Commodity	WAB45	Well Abandonment (4 inch)	Ft	\$ 6.51		\$ -
8	Well Abandonment	Commodity	WAB50	Well Abandonment (6 inch)	Ft	\$ 7.98		\$ -
9	Investigation Workplan Preparation		IWP05	Investigation Workplan Preparation	Report	\$ 1,451.63		\$ -
10	Initial Site Survey	Consultant	IS05	Coordination of Initial Site Survey (features + well elevations)	Survey	\$ 117.18		\$ -
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$ 110.15		\$ -
10	Initial Site Survey	Commodity	IS15	Initial Survey	Survey	\$ 1,171.70		\$ -
11	Potable Well Field Reconnaissance		PWFR05	Potable Well Field Reconnaissance	Site	\$ 583.50		\$ -
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 5.36	8	\$ 42.88
12	Direct Push	Consultant	DP10	> 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 5.99		\$ -
12	Direct Push	Consultant	DP15	GW Profiling (No Soil Sampling)	Ft	\$ 2.31		\$ -
12	Direct Push	Consultant	DP20	GW Sample Collection	Each	\$ 36.10		\$ -
12	Direct Push	Consultant	DP25	Temporary Well Installation	Each	\$ 49.90		\$ -
12	Direct Push	Consultant	DP30	Primary Mob/Demob	Site	\$ 512.10	1	\$ 512.10
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 6.93	8	\$ 55.44
12	Direct Push	Commodity	DP40	> 24 ft bgs W/ Continuous Soil Sampling	Ft	\$ 9.03		\$ -
12	Direct Push	Commodity	DP45	GW Profiling (no soil sampling)	Ft	\$ 6.51		\$ -
12	Direct Push	Commodity	DP50	GW Sample Collection (cost for tubing)	Ft	\$ 0.42		\$ -
12	Direct Push	Commodity	DP55	Expendable Drive Point	Each	\$ 14.49		\$ -
12	Direct Push	Commodity	DP60	Borehole Abandonment	Ft	\$ 1.26	8	\$ 10.08
12	Direct Push	Commodity	DP65	Concrete Penetration	Each	\$ 20.10	1	\$ 20.10
12	Direct Push	Commodity	DP70	GW Sample Collection	Each	\$ 39.27		\$ -
12	Direct Push	Commodity	DP75	Temporary Well Installation	Ft	\$ 5.25		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
12	Direct Push	Commodity	DP80	Mob/Demob (Includes decon)	Site	\$ 526.05	1	\$ 526.05
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$ 5.40		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR10	26 - 50 ft bgs	Ft	\$ 5.67		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR15	51 - 75 ft bgs	Ft	\$ 7.30		\$ -
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$ 593.04		\$ -
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR25	Consultant Oversight	Ft	\$ 1.58		\$ -
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Consultant	DR30	Primary Mob/Demob	Site	\$ 505.16		\$ -
13.c	Drilling In Bedrock	Consultant	DR35	Consultant Oversight	Ft	\$ 6.20		\$ -
13.c	Drilling In Bedrock	Consultant	DR40	Primary Mob/Demob	Site	\$ 593.04		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$ 16.70		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR50	26 - 50 ft bgs	Ft	\$ 18.38		\$ -
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR55	51 - 75 ft bgs	Ft	\$ 21.53		\$ -
13.e	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling	Commodity	DR60	Drilling in Unconsolidated Soils	Ft	\$ 11.97		\$ -
13.f	Drilling In Bedrock	Commodity	DR65	Drilling in Bedrock	Ft	\$ 33.18		\$ -
13.f	Drilling In Bedrock	Commodity	DR70	Bedrock Drilling Setup Charge	Each	\$ 162.02		\$ -
13.f	Drilling In Bedrock	Commodity	DR75	Air Compressor	Day	\$ 426.41		\$ -
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 3.89		\$ -
14	Monitoring Well Installation	Consultant	MWI10	26 - 75 ft bgs	Ft	\$ 2.73		\$ -
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 16.70		\$ -
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$ 147.63		\$ -
14	Monitoring Well Installation	Commodity	MWI25	Mob/Demob (For development of grout or slurry sealed wells)	Site	\$ 548.63		\$ -
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	\$ 963.38		\$ -
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$ 202.65		\$ -
15	Misc. Drilling Activities & Supplies		MDT15	Stickup Well Cover	Each	\$ 163.91		\$ -
15	Misc. Drilling Activities & Supplies		MDT20	Bumper Guard Posts	Each	\$ 69.30		\$ -
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 55.13		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
15	Misc. Drilling Activities & Supplies		MDT25	Commodity Service Provider Per Diem (drilling and direct push)	Person	\$ 203.28		\$ -
15	Misc. Drilling Activities & Supplies		MDT30	Well Repair	Well	\$ 84.42		\$ -
15	Misc. Drilling Activities & Supplies		MDT35	Borehole Abandonment	Foot	\$ 5.46		\$ -
15	Misc. Drilling Activities & Supplies		MDT40	Concrete Penetration	Each	\$ 72.87		\$ -
15	Misc. Drilling Activities & Supplies		MDT41	Private Utility Locate	Each	\$ 117.18	1	\$ 117.18
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$ 7.98		\$ -
16	Hand Auger Boring		HA05	Hand Augering	Boring	\$ 89.99		\$ -
16	Hand Auger Boring		HA10	Primary Mob/Demob	Site	\$ 555.56		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS05	Sampling	Sample Location	\$ 21.53		\$ -
17	Surface Soil/Sediment/Water Sampling		SSWS10	Primary Mob/Demob	Site	\$ 452.45		\$ -
18	Vapor Screening		VS05	Vapor Screening	Site	\$ 212.42		\$ -
19	Hydraulic Conductivity Testing		HCT05	Hydraulic Conductivity Testing	Well	\$ 58.59		\$ -
19	Hydraulic Conductivity Testing		HCT10	Primary Mob/Demob	Site	\$ 652.79		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP05	Soil Boring/Monitoring Well Permit	Permit	\$ 246.12		\$ -
20	Soil Boring/Monitoring Well Permits		SBMWP10	Permit Fee (copy of permit & fee receipt required)	Permit Fee			\$ -
21	Access Agreements		AA05	Access Agreements	Property	\$ 401.94		\$ -
22	Soil Investigation Report		SIR05	Soil Investigation Report	Report	\$ 3,330.92		\$ -
23	Soil And GW Investigation Report		SGIR05	Soil and GW Investigation Report	Report	\$ 4,965.35		\$ -
24	Limited Soil Excavation		LSE05	Consultant Oversight for Limited Soil Excavation	Ton	\$ 4.94		\$ -
24	Limited Soil Excavation		LSE10	Primary Mob/Demob	Site	\$ 831.92		\$ -
24	Limited Soil Excavation		LSE13	Laboratory (see task 24 total on Lab Schedule)	Lab Schedule		0	\$ -
24	Limited Soil Excavation		LSE15	Limited Soil Excavation	Ton	\$ 60.00		\$ -
24	Limited Soil Excavation		LSE16	Landfill Environmental Fee (provide documentation)	ACTUAL COST			\$ -
25	Remediation System Shut Down		SSD05	Permanent	Site	\$ 1,095.47		\$ -
25	Remediation System Shut Down		SSD10	Temporary	Site	\$ 329.28		\$ -
25	Remediation System Shut Down		SSD15	Primary Mob/Demob	Site	\$ 473.55		\$ -
26	Site Specific RCL Calculations For Direct Contact Risk		SSRCL05	SSRCL Calculations	Site	\$ 386.72		\$ -
27	Claim Submittal		CS05	Claim Submittal	Claim	\$ 585.90		\$ -
28	Standardized Invoice		BS05	Standardized Invoice	Invoice	\$ 17.64		\$ -
29	Occurrence Classification		OC05	Occurrence Classification	Letter/Status Update	\$ 125.37		\$ -
30	Meeting With Regulators		MIR05	Meeting with Regulators	Meeting	\$ 349.23		\$ -

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
31	Consultant Overnight Per Diem		COPD05	Overnight	Night	\$ 113.72		\$ -
32	Deed Restriction Preparation		DRP05	Deed Restriction Preparation	Deed	\$ 178.19		\$ -
33	Schedule Of Laboratory Maximums	Commodity		Laboratory (see task 33 total on Lab Schedule)	Lab Schedule		3	\$ 102.39
34	Consultant Incremental Mob/Demob		IMD05	Incremental Mob/Demob	Site	\$ 287.18		\$ -
35	Cap Maintenance Plan		CMP05	Cap Maintenance Plan	Plan	\$ 320.04		\$ -
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 381.78	1	\$ 381.78
	Variance							
	Variance							

Usual and Customary Standardized Invoice #20

July 2016 - December 2016



RR-061A

TOTAL LAB CHARGES \$ 102.39 TASK 33 \$ 102.39 TASK 24 0 \$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
AIR	A1	Benzene	SAMPLE	\$ 44.94		\$ -			\$ -
AIR	A2	BETX	SAMPLE	\$ 49.46		\$ -			\$ -
AIR	A3	GRO	SAMPLE	\$ 46.10		\$ -			\$ -
AIR	A4	VOC's	SAMPLE	\$ 71.93		\$ -			\$ -
WATER	W1	GRO/PVOC	SAMPLE	\$ 29.19		\$ -			\$ -
WATER	W2	PVOC	SAMPLE	\$ 26.99		\$ -			\$ -
WATER	W3	PVOC + 1,2 DCA	SAMPLE	\$ 43.79		\$ -			\$ -
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 30.35	1	\$ 30.35			\$ 30.35
WATER	W5	VOC	SAMPLE	\$ 71.93		\$ -			\$ -
WATER	W6	PAH	SAMPLE	\$ 72.98		\$ -			\$ -
WATER	W7	Lead	SAMPLE	\$ 12.39		\$ -			\$ -
WATER	W8	Cadmium	SAMPLE	\$ 13.55		\$ -			\$ -
WATER	W9	Hardness	SAMPLE	\$ 12.39		\$ -			\$ -
WATER	W10	BOD, Total	SAMPLE	\$ 23.63		\$ -			\$ -
WATER	W11	Nitrate	SAMPLE	\$ 11.24		\$ -			\$ -
WATER	W12	Total Kjeldahl	SAMPLE	\$ 20.27		\$ -			\$ -
WATER	W13	Ammonia	SAMPLE	\$ 16.91		\$ -			\$ -
WATER	W14	Sulfate	SAMPLE	\$ 10.19		\$ -			\$ -
WATER	W15	Iron	SAMPLE	\$ 10.19		\$ -			\$ -
WATER	W16	Manganese	SAMPLE	\$ 10.19		\$ -			\$ -
WATER	W17	Alkalinity	SAMPLE	\$ 10.19		\$ -			\$ -
WATER	W18	methane	SAMPLE	\$ 46.10		\$ -			\$ -
WATER	W19	Phosphorous	SAMPLE	\$ 18.06		\$ -			\$ -
WATER	W20	VOC Method 524.2	SAMPLE	\$ 176.30		\$ -			\$ -
WATER	W21	EDB Method 504	SAMPLE	\$ 95.45		\$ -			\$ -
SOILS	S1	GRO	SAMPLE	\$ 24.78		\$ -			\$ -
SOILS	S2	DRO	SAMPLE	\$ 30.35		\$ -			\$ -
SOILS	S3	GRO/PVOC	SAMPLE	\$ 28.14		\$ -			\$ -
SOILS	S4	PVOC	SAMPLE	\$ 25.83		\$ -			\$ -
SOILS	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	\$ 49.46		\$ -			\$ -
SOILS	S6	PVOC + Naphthalene	SAMPLE	\$ 36.02	2	\$ 72.04			\$ 72.04
SOILS	S7	VOC	SAMPLE	\$ 71.93		\$ -			\$ -
SOILS	S8	SPLP Extraction VOC only	SAMPLE	\$ 50.61		\$ -			\$ -
SOILS	S9	PAH	SAMPLE	\$ 72.98		\$ -			\$ -
SOILS	S10	Lead	SAMPLE	\$ 12.39		\$ -			\$ -
				MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
				\$ 24.78		\$ -	\$ 24.78		\$ -
				\$ 30.35		\$ -	\$ 30.35		\$ -
				\$ 28.14		\$ -	\$ 28.14		\$ -
				\$ 25.83		\$ -	\$ 25.83		\$ -
				\$ 49.46		\$ -	\$ 49.46		\$ -
				\$ 36.02		\$ -	\$ 36.02		\$ -
				\$ 71.93		\$ -	\$ 71.93		\$ -
				\$ 50.61		\$ -	\$ 50.61		\$ -
				\$ 72.98		\$ -	\$ 72.98		\$ -
				\$ 12.39		\$ -	\$ 12.39		\$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
SOILS	S11	Cadmium	SAMPLE	\$ 14.60		\$ -			\$ -
SOILS	S12	Free Liquid	SAMPLE	\$ 11.24		\$ -			\$ -
SOILS	S13	Flash Point	SAMPLE	\$ 25.83		\$ -			\$ -
SOILS	S14	Grain Size - dry	SAMPLE	\$ 42.74		\$ -			\$ -
SOILS	S15	Grain Size - wet	SAMPLE	\$ 57.33		\$ -			\$ -
SOILS	S16	Bulk Density	SAMPLE	\$ 13.55		\$ -			\$ -
SOILS	S17	Permeability	SAMPLE	\$ 41.58		\$ -			\$ -
SOILS	S18	Nitrogen as Total Kjeldahl	SAMPLE	\$ 20.27		\$ -			\$ -
SOILS	S19	Nitrogen as Ammonia	SAMPLE	\$ 16.91		\$ -			\$ -
SOILS	S20	% Organic Matter	SAMPLE	\$ 29.19		\$ -			\$ -
SOILS	S21	TOC as NPOC	SAMPLE	\$ 57.33		\$ -			\$ -
SOILS	S22	Soil Moisture Content	SAMPLE	\$ 6.83		\$ -			\$ -
SOILS	S23	Air Filled Porosity	SAMPLE	\$ 25.83		\$ -			\$ -
SOILS	S24	% Total Solids	SAMPLE	\$ 6.83		\$ -			\$ -
SOILS	S25	Field Capacity	SAMPLE	\$ 28.14		\$ -			\$ -
SOILS	S26	TCLP Lead	SAMPLE	\$ 83.16		\$ -			\$ -
SOILS	S27	Cation Exchange (Ca, MG, & K)	SAMPLE	\$ 26.99		\$ -			\$ -
SOILS	S28	TCLP Cadmium	SAMPLE	\$ 83.16		\$ -			\$ -
SOILS	S29	TCLP Benzene	SAMPLE	\$ 83.16		\$ -			\$ -
		Viscosity + Density							
LNAPL	LFPS01	Interfacial tension I (LNAPL/water [dyne/cm])	SAMPLE	\$ 561.33		\$ -			\$ -
		Interfacial tension II (LNAPL/air [dyne/cm])							
		Interfacial tension III (water/air) [dyne/cm])							
									TASK 24 TOTAL \$ -
									TASK 33 TOTAL \$ 102.39

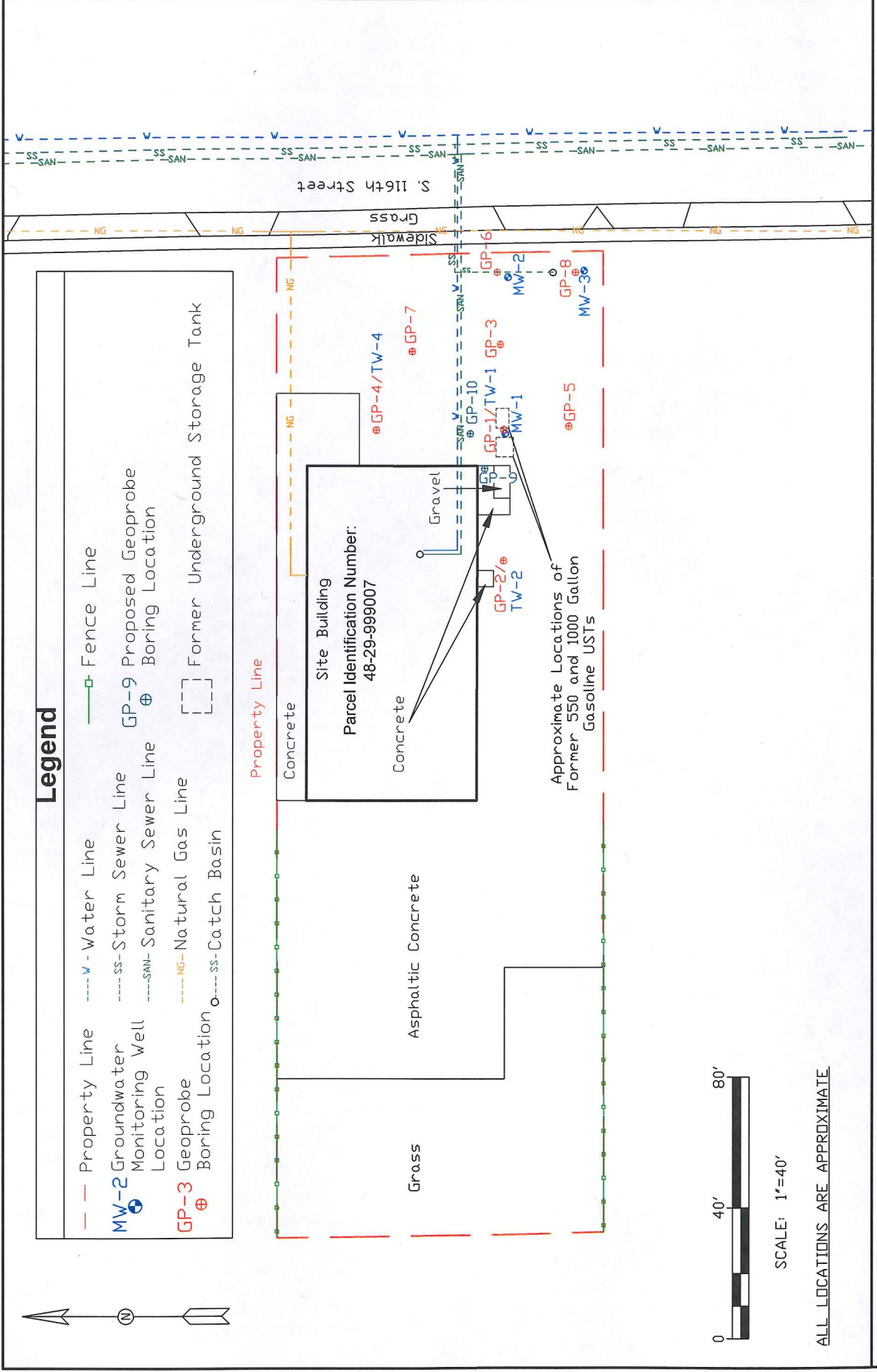


Figure: Proposed Soil Boring Location Map

United Engnts, Inc. Consultants, Inc. 16237 W. Ryerson Road New Berlin, WI 53151 Tel. (262) 785-1447 Fax (262) 706-4400	#98025	Phase II Environmental Site Assessment City Wide Insulation Company, Inc. 2159 S. 116th Street West Allis, WI 53227
	DRAWN BY: NJA DATE: 02/07/2017	