

Legend

- Manhole
- Estimated Sanitary Sewer
- Sanitary Sewer
- Storm Sewer
- ▨ Former Tank Excavation Area
- ▭ Building Footprint
- ▭ Parcel Boundary
- ▭ Basement
- ▭ Dry Cleaning Room
- ▭ Solvent Based Cleaning Room
- ▭ Asphalt
- ▭ Gravel
- ▭ Landscape
- ▭ Figure 2A Extent

N LYDELL AVE

RICHARDS ST

02-41-000033
Closed ERP Site
Petroleum Solvents

Solvent Based
Cleaning Room

Dry Cleaning Room

02-41-585636
Open ERP Site
Perchloroethylene and
Breakdown Products

Sanitary Manhole Vapor
Sample Point

Figure 2A Extents

Basement

Storm Manhole Vapor
Sample Point

03-41-559767
Closed LUST Site
Diesel Fuel

FIGURE 1A



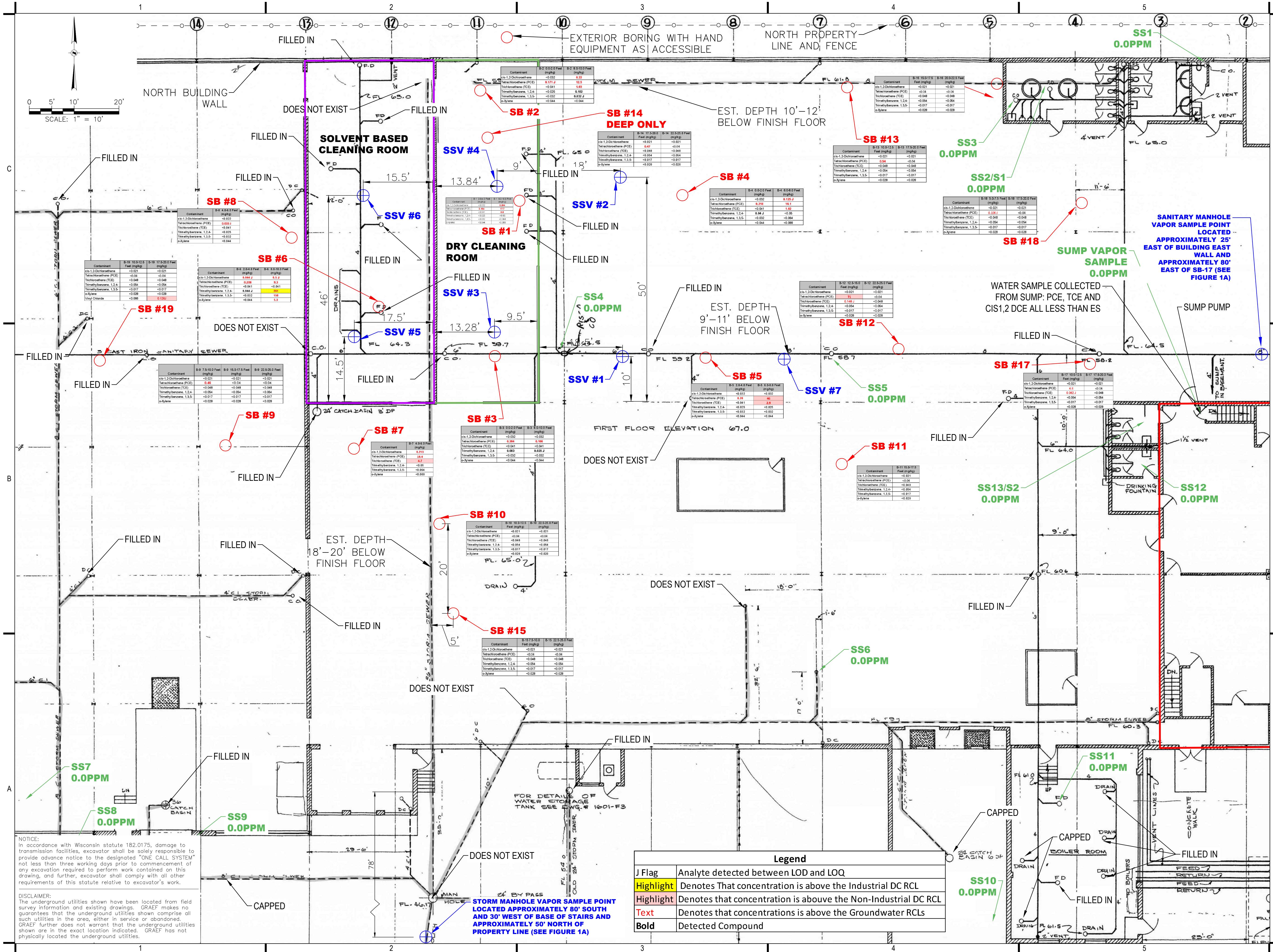
SITE PLAN
4301 N RICHARDS STREET
CITY OF MILWAUKEE
MILWAUKEE COUNTY, WISCONSIN

Reviewed on:
06-16-2021

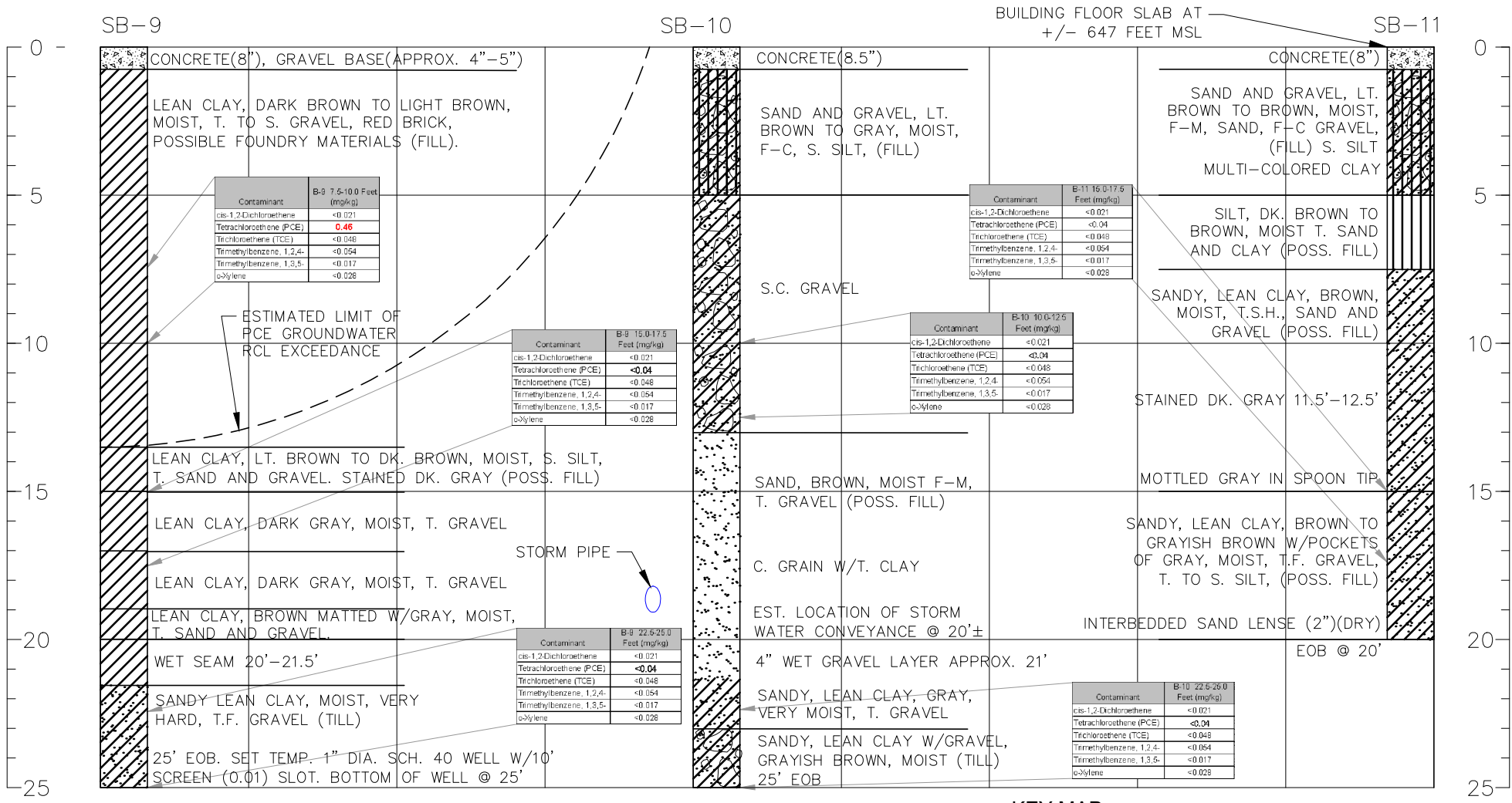


0 40 80
Feet

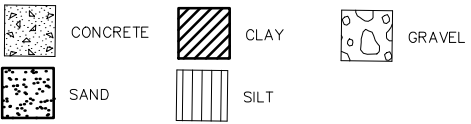
1 in = 80 ft



X:\ML\2019\20190153-02\Design\GIS\Maps\Figure 2A - Detailed Floor Plan 6/16/2021 12:45 PM

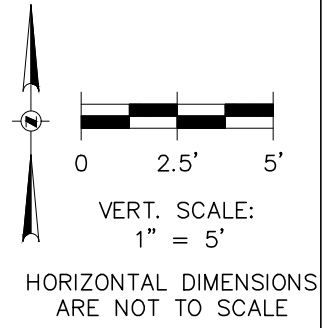
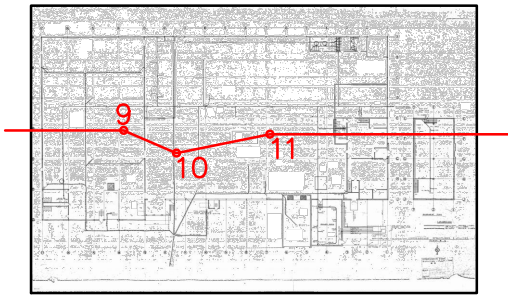


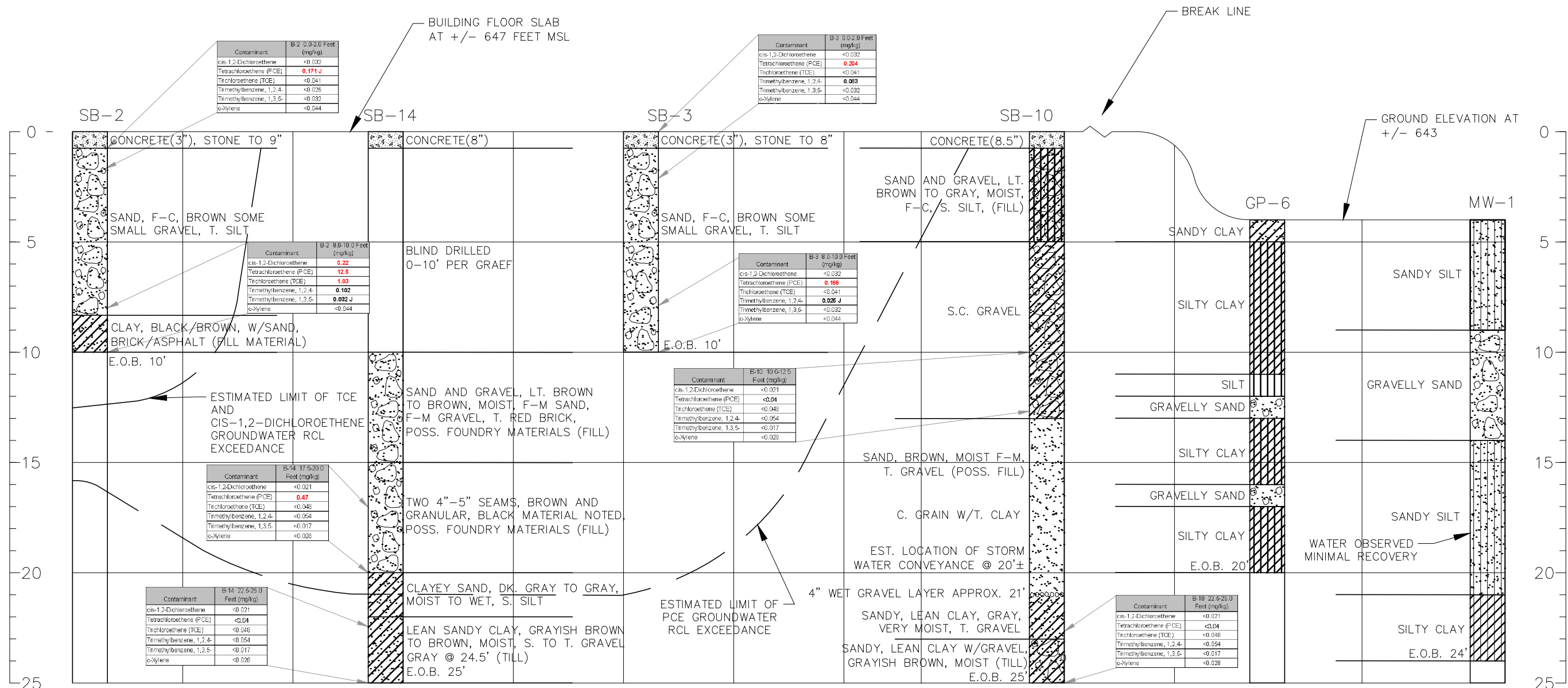
MATERIAL SYMBOLS



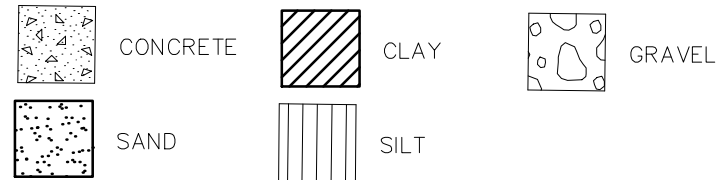
Legend	
J Flag	Analyte detected between LOD and LOQ
Highlight	Denotes That concentration is above the Industrial DC RCL
Highlight	Denotes that concentration is above the Non-Industrial DC RCL
Text	Denotes that concentrations is above the Groundwater RCLs
Bold	Detected Compound

KEY MAP



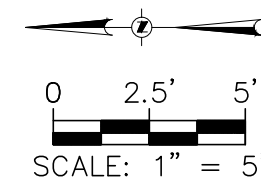
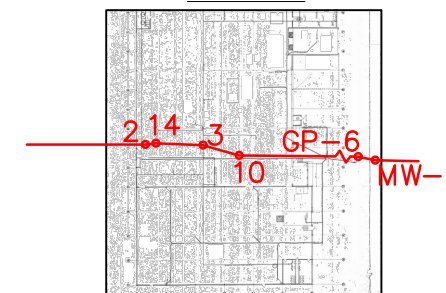


MATERIAL SYMBOLS



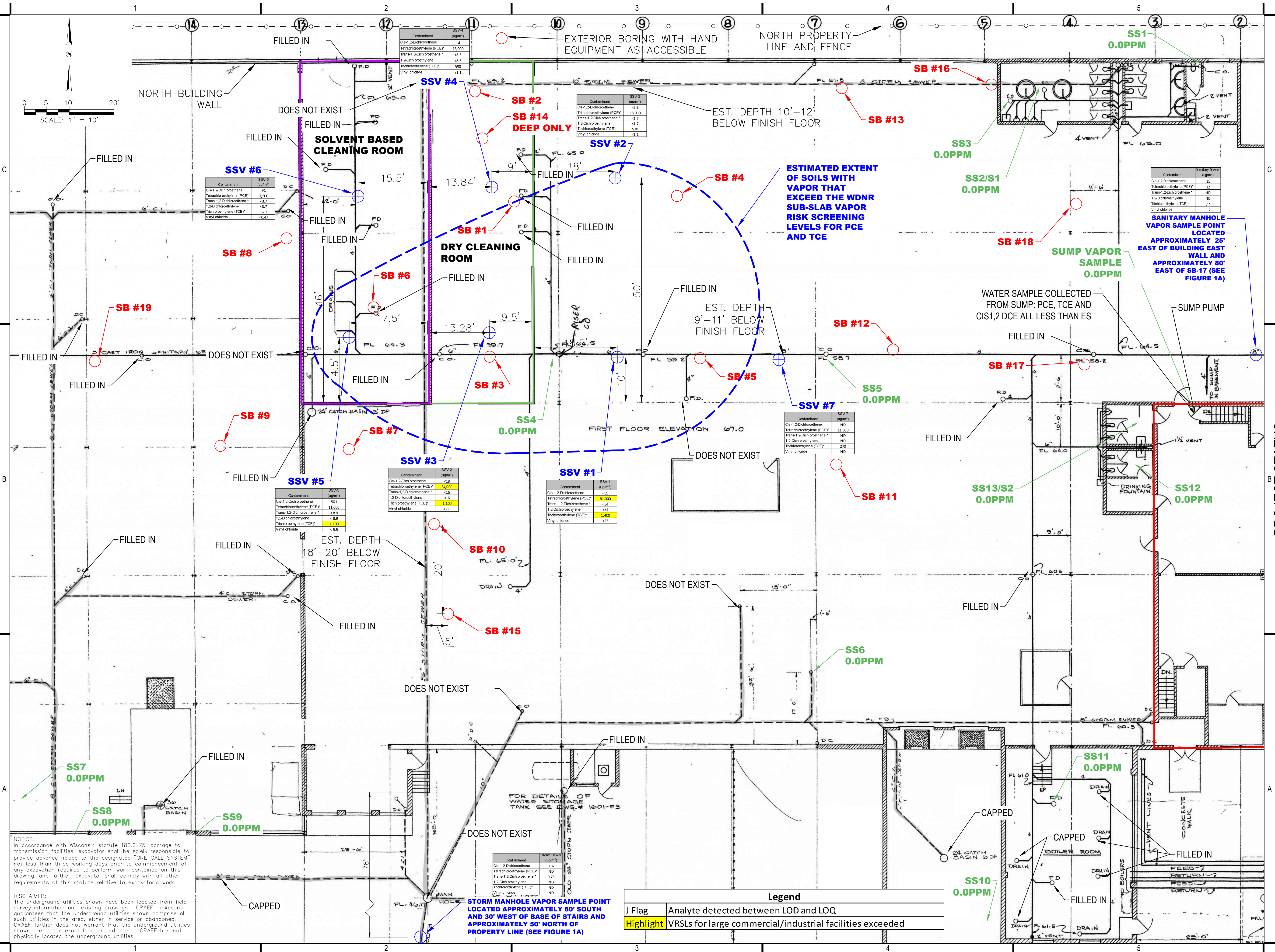
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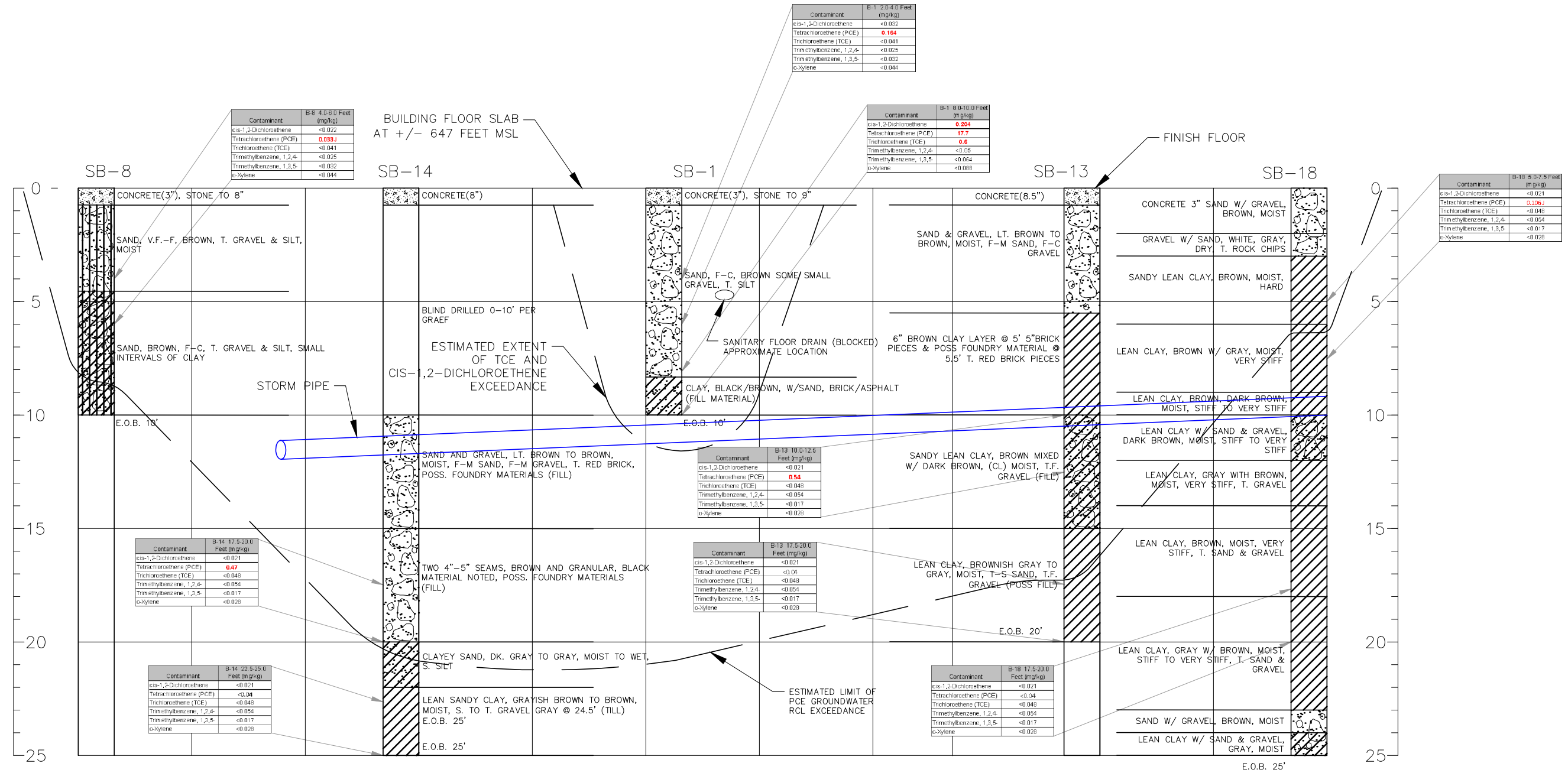
KEY MAP



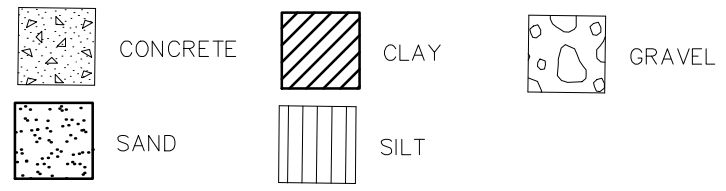
VERT. SCALE: 1" = 5'

HORIZONTAL DIMENSIONS ARE NOT TO SCALE



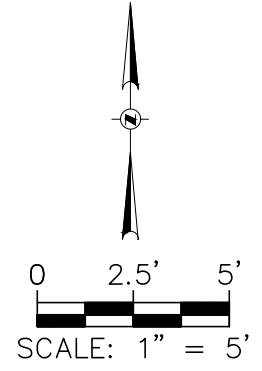
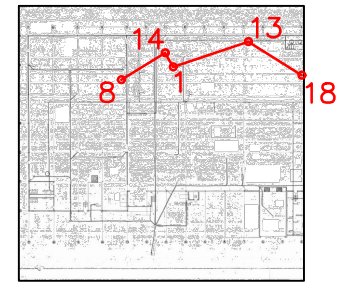


MATERIAL SYMBOLS



Legend	
J Flag	Analyte detected between LOD and LOQ
Highlight	Denotes That concentration is above the Industrial DC RCL
Highlight	Denotes that concentration is above the Non-Industrial DC RCL
Text	Denotes that concentrations is above the Groundwater RCLs
Bold	Detected Compound

KEY MAP



VERT. SCALE:
1" = 5'
HORIZONTAL DIMENSIONS
ARE NOT TO SCALE

Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

ED DIESCH
GRAEF
125 S. 84TH STREET
MILWAUKEE, WI 53214

Report Date 02-Feb-21

Project Name SPIC AND SPAN
Project # 2019-0153.02

Invoice # E39030

Lab Code 5039030A
Sample ID BASEMENT SUMP SAMPLE
Sample Matrix Water
Sample Date 1/25/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.33	ug/l	0.33		1	8260B		2/2/2021	CJR	1
Bromobenzene	< 0.26	ug/l	0.26	0.84	1	8260B		2/2/2021	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33		1	8260B		2/2/2021	CJR	1
Bromoform	< 0.65	ug/l	0.65	2.1	1	8260B		2/2/2021	CJR	1
tert-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B		2/2/2021	CJR	1
sec-Butylbenzene	< 0.32	ug/l	0.32		1	8260B		2/2/2021	CJR	1
n-Butylbenzene	< 0.28	ug/l	0.28	0.89	1	8260B		2/2/2021	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/2/2021	CJR	1
Chlorobenzene	< 0.39	ug/l	0.39	1.2	1	8260B		2/2/2021	CJR	1
Chloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/2/2021	CJR	1
Chloroform	< 0.44	ug/l	0.44	1.4	1	8260B		2/2/2021	CJR	1
Chloromethane	< 0.8	ug/l	0.8	2.5	1	8260B		2/2/2021	CJR	1
2-Chlorotoluene	< 0.32	ug/l	0.32		1	8260B		2/2/2021	CJR	1
4-Chlorotoluene	< 0.3	ug/l	0.3	0.96	1	8260B		2/2/2021	CJR	1
1,2-Dibromo-3-chloropropane	< 0.82	ug/l	0.82	2.6	1	8260B		2/2/2021	CJR	1
Dibromochloromethane	< 0.23	ug/l	0.23	0.74	1	8260B		2/2/2021	CJR	1
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1	8260B		2/2/2021	CJR	1
1,3-Dichlorobenzene	< 0.31	ug/l	0.31	0.98	1	8260B		2/2/2021	CJR	1
1,2-Dichlorobenzene	< 0.32	ug/l	0.32		1	8260B		2/2/2021	CJR	1
Dichlorodifluoromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/2/2021	CJR	1
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	8260B		2/2/2021	CJR	1
1,1-Dichloroethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/2/2021	CJR	1
1,1-Dichloroethene	< 0.5	ug/l	0.5	1.6	1	8260B		2/2/2021	CJR	1
cis-1,2-Dichloroethene	0.96 "J"	ug/l	0.39	1.2	1	8260B		2/2/2021	CJR	1
trans-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.2	1	8260B		2/2/2021	CJR	1

Project Name SPIC AND SPAN
 Project # 2019-0153.02

Invoice # E39030

Lab Code 5039030A
 Sample ID BASEMENT SUMP SAMPLE
 Sample Matrix Water
 Sample Date 1/25/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.38	ug/l	0.38	1.2	1	8260B		2/2/2021	CJR	1
1,3-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B		2/2/2021	CJR	1
trans-1,3-Dichloropropene	< 0.3	ug/l	0.3	0.94	1	8260B		2/2/2021	CJR	1
cis-1,3-Dichloropropene	< 0.36	ug/l	0.36	1.1	1	8260B		2/2/2021	CJR	1
Di-isopropyl ether	< 0.34	ug/l	0.34	1.1	1	8260B		2/2/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.75	1	8260B		2/2/2021	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1	1	8260B		2/2/2021	CJR	1
Hexachlorobutadiene	< 0.72	ug/l	0.72	2.3	1	8260B		2/2/2021	CJR	1
Isopropylbenzene	< 0.32	ug/l	0.32	1	1	8260B		2/2/2021	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.5	1	8260B		2/2/2021	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/2/2021	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/2/2021	CJR	1
Naphthalene	< 1.1	ug/l	1.1	3.6	1	8260B		2/2/2021	CJR	1
n-Propylbenzene	< 0.33	ug/l	0.33	1.1	1	8260B		2/2/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.37	ug/l	0.37	1.2	1	8260B		2/2/2021	CJR	1
1,1,1,2-Tetrachloroethane	< 0.88	ug/l	0.88	3.3	1	8260B		2/2/2021	CJR	1
Tetrachloroethene	3.15	ug/l	0.33	1	1	8260B		2/2/2021	CJR	1
Toluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/2/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/2/2021	CJR	1
1,2,3-Trichlorobenzene	< 1	ug/l	1	3.2	1	8260B		2/2/2021	CJR	1
1,1,1-Trichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B		2/2/2021	CJR	1
1,1,2-Trichloroethane	< 0.36	ug/l	0.36	1.1	1	8260B		2/2/2021	CJR	1
Trichloroethene (TCE)	1.16 "J"	ug/l	0.47	1.5	1	8260B		2/2/2021	CJR	1
Trichlorofluoromethane	< 0.42	ug/l	0.42	1.3	1	8260B		2/2/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		2/2/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B		2/2/2021	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/2/2021	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.3	1	8260B		2/2/2021	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B		2/2/2021	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		2/2/2021	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		2/2/2021	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		2/2/2021	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		2/2/2021	CJR	1

Project Name SPIC AND SPAN
 Project # 2019-0153.02

Invoice # E39030

Lab Code 5039030B
 Sample ID TRIP BLANK
 Sample Matrix Water
 Sample Date 1/25/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.33	ug/l	0.33	1	1	8260B		2/1/2021	CJR	1
Bromobenzene	< 0.26	ug/l	0.26	0.84	1	8260B		2/1/2021	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1	1	8260B		2/1/2021	CJR	1
Bromoform	< 0.65	ug/l	0.65	2.1	1	8260B		2/1/2021	CJR	1
tert-Butylbenzene	< 0.61	ug/l	0.61	1.9	1	8260B		2/1/2021	CJR	1
sec-Butylbenzene	< 0.32	ug/l	0.32	1	1	8260B		2/1/2021	CJR	1
n-Butylbenzene	< 0.28	ug/l	0.28	0.89	1	8260B		2/1/2021	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		2/1/2021	CJR	1
Chlorobenzene	< 0.39	ug/l	0.39	1.2	1	8260B		2/1/2021	CJR	1
Chloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/1/2021	CJR	1
Chloroform	< 0.44	ug/l	0.44	1.4	1	8260B		2/1/2021	CJR	1
Chloromethane	< 0.8	ug/l	0.8	2.5	1	8260B		2/1/2021	CJR	1
2-Chlorotoluene	< 0.32	ug/l	0.32	1	1	8260B		2/1/2021	CJR	1
4-Chlorotoluene	< 0.3	ug/l	0.3	0.96	1	8260B		2/1/2021	CJR	1
1,2-Dibromo-3-chloropropane	< 0.82	ug/l	0.82	2.6	1	8260B		2/1/2021	CJR	1
Dibromochloromethane	< 0.23	ug/l	0.23	0.74	1	8260B		2/1/2021	CJR	1
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1	8260B		2/1/2021	CJR	1
1,3-Dichlorobenzene	< 0.31	ug/l	0.31	0.98	1	8260B		2/1/2021	CJR	1
1,2-Dichlorobenzene	< 0.32	ug/l	0.32	1	1	8260B		2/1/2021	CJR	1
Dichlorodifluoromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/1/2021	CJR	1
1,2-Dichloroethane	< 0.39	ug/l	0.39	1.3	1	8260B		2/1/2021	CJR	1
1,1-Dichloroethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/1/2021	CJR	1
1,1-Dichloroethene	< 0.5	ug/l	0.5	1.6	1	8260B		2/1/2021	CJR	1
cis-1,2-Dichloroethene	< 0.39	ug/l	0.39	1.2	1	8260B		2/1/2021	CJR	1
trans-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.2	1	8260B		2/1/2021	CJR	1
1,2-Dichloropropane	< 0.38	ug/l	0.38	1.2	1	8260B		2/1/2021	CJR	1
1,3-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	8260B		2/1/2021	CJR	1
trans-1,3-Dichloropropene	< 0.3	ug/l	0.3	0.94	1	8260B		2/1/2021	CJR	1
cis-1,3-Dichloropropene	< 0.36	ug/l	0.36	1.1	1	8260B		2/1/2021	CJR	1
Di-isopropyl ether	< 0.34	ug/l	0.34	1.1	1	8260B		2/1/2021	CJR	1
EDB (1,2-Dibromoethane)	< 0.24	ug/l	0.24	0.75	1	8260B		2/1/2021	CJR	1
Ethylbenzene	< 0.32	ug/l	0.32	1	1	8260B		2/1/2021	CJR	1
Hexachlorobutadiene	< 0.72	ug/l	0.72	2.3	1	8260B		2/1/2021	CJR	1
Isopropylbenzene	< 0.32	ug/l	0.32	1	1	8260B		2/1/2021	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.5	1	8260B		2/1/2021	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		2/1/2021	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/1/2021	CJR	1
Naphthalene	< 1.1	ug/l	1.1	3.6	1	8260B		2/1/2021	CJR	1
n-Propylbenzene	< 0.33	ug/l	0.33	1.1	1	8260B		2/1/2021	CJR	1
1,1,2,2-Tetrachloroethane	< 0.37	ug/l	0.37	1.2	1	8260B		2/1/2021	CJR	1
1,1,1,2-Tetrachloroethane	< 0.88	ug/l	0.88	3.3	1	8260B		2/1/2021	CJR	1
Tetrachloroethene	< 0.33	ug/l	0.33	1	1	8260B		2/1/2021	CJR	1
Toluene	< 0.26	ug/l	0.26	0.83	1	8260B		2/1/2021	CJR	1
1,2,4-Trichlorobenzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/1/2021	CJR	1

Project Name SPIC AND SPAN
 Project # 2019-0153.02

Invoice # E39030

Lab Code 5039030B
 Sample ID TRIP BLANK
 Sample Matrix Water
 Sample Date 1/25/2021

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1	ug/l	1	3.2	1	8260B		2/1/2021	CJR	1
1,1,1-Trichloroethane	< 0.3	ug/l	0.3	0.95	1	8260B		2/1/2021	CJR	1
1,1,2-Trichloroethane	< 0.36	ug/l	0.36	1.1	1	8260B		2/1/2021	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/1/2021	CJR	1
Trichlorofluoromethane	< 0.42	ug/l	0.42	1.3	1	8260B		2/1/2021	CJR	1
1,2,4-Trimethylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		2/1/2021	CJR	1
1,3,5-Trimethylbenzene	< 0.32	ug/l	0.32	1	1	8260B		2/1/2021	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		2/1/2021	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.3	1	8260B		2/1/2021	CJR	1
o-Xylene	< 0.38	ug/l	0.38	1.2	1	8260B		2/1/2021	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		2/1/2021	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		2/1/2021	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		2/1/2021	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		2/1/2021	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code **Comment**

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



Synergy Environmental Lab, INC.

Invoice

BRIAN SCHNEIDER
GRAEF
SUITE 401
125 S. 84TH STREET
MILWAUKEE, WI 53214

Client Account #	897508	Invoice #	E39030
Project #	2019-0153.02	Invoice Date	2/2/2021
Project Name	SPIC AND SPAN	Quote #	8476
Notes	38053	Date Due	3/4/2021
		Sample Date	1/25/2021

Sample ID	Labcode	Sample Type	Matrix	Test Name	Price
BASEMENT SUM	5039030A	Sample	Water	VOC'S	\$75.00
TRIP BLANK	5039030B	Sample	Water	VOC'S	\$75.00

Total Cost: \$150.00

To ensure proper payment,
Include Account # Invoice #

PLEASE REMIT PAYMENT TO:
SYNERGY ENVIRONMENTAL LAB, INC.
1990 PROSPECT CT.,
APPLETON, WI 54914

Environmental Lab, Inc.

www.synergy-lab.net

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Sample Handling Request

Rush Analysis Date Required:
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. #
QUOTE #:
Project #: 2019-0153.02
Sampler: (signature) *Edward G. Dierck*

Project (Name / Location): *SPIC AND SPAN N. RICHARDS ST. MILWAUKEE*

Reports To: *BRIAN SCHNEIDER / ED DIESCH* Invoice To: *SAME*

Company: *GRAEF* Company:

Address: *275 W. WISCONSIN AVE. SUITE 300* Address:

City State Zip: *MILWAUKEE, WI 53203* City State Zip:

Phone: *414-259-1500* Phone:

Email: Email:

Analysis Requested												Other Analysis				
DRO (Mod DRO Sep 96)	GRO (Mod GRO Sep 96)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PCB AND BREAKDOWN PRODUCTS	PID/FID
															X	0.0
															X	

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
5039030 A	Basement Sump Sample	1-25-21	11:00	N	3-4 ML	GW	HCL, ETC
B	Trip Blank	1-25-21	NA	N	1-4 ML		HCL, ETC

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *CS*

Temp. of Temp. Blank: °C On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *Edward G. Dierck* Time: *3:30* Date: *1-25-21*

Received By: (sign) _____ Time: _____ Date: _____

Received in Laboratory By: *[Signature]* Time: *8:00* Date: *1-27-21*