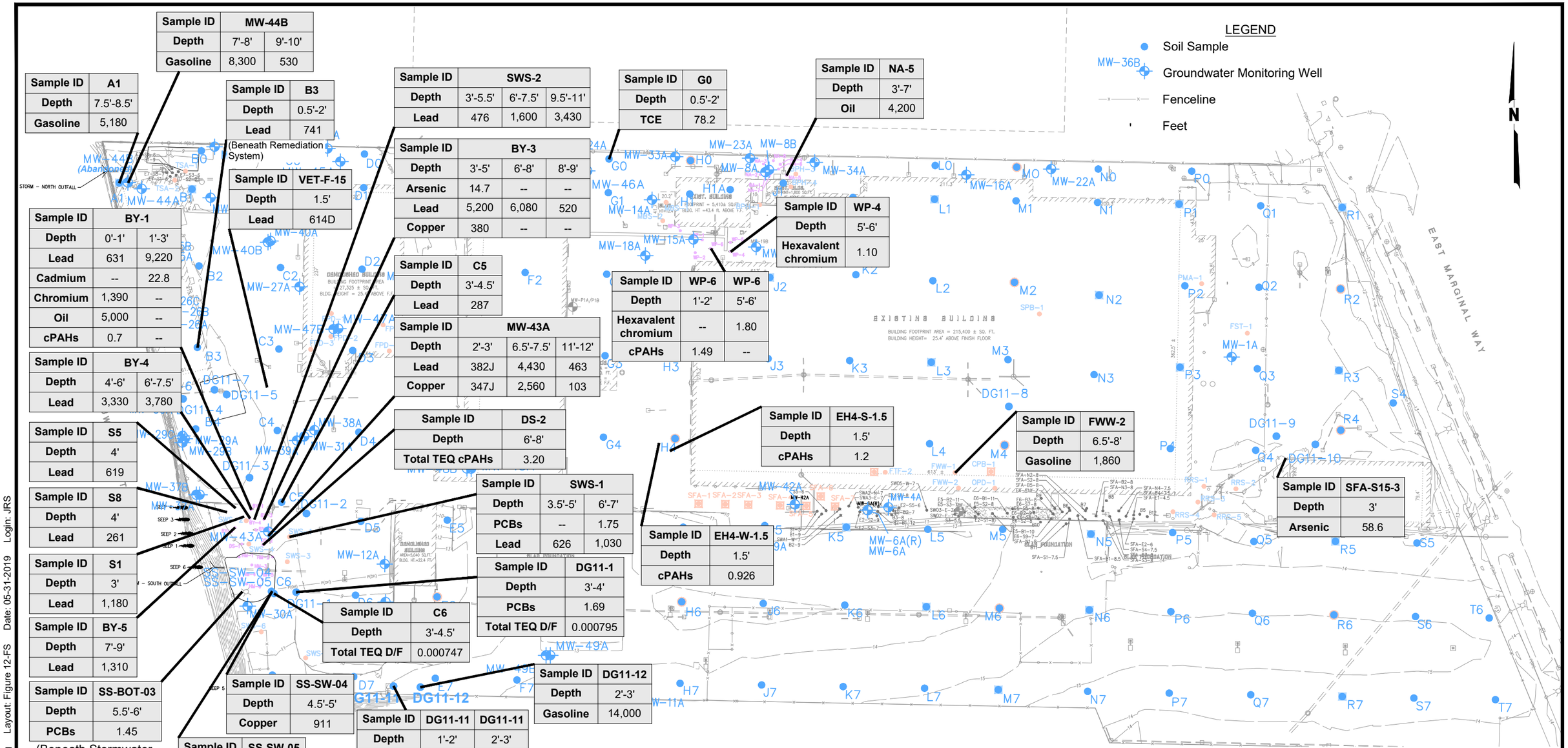

Sample ID	MW-44B	
Depth	7'-8'	9'-10'
Gasoline	8,300	530

Sample ID	A1
Depth	7.5'-8.5'
Gasoline	5,180

Sample ID	B3
Depth	0.5'-2'
Lead	741

(Beneath Remediation System)

Sample ID	VET-F-15
Depth	1.5'
Lead	614D

Sample ID	SWS-2		
Depth	3'-5.5'	6'-7.5'	9.5'-11'
Lead	476	1,600	3,430

Sample ID	G0
Depth	0.5'-2'
TCE	78.2

Sample ID	NA-5
Depth	3'-7'
Oil	4,200

Sample ID	BY-3		
Depth	3'-5'	6'-8'	8'-9'
Arsenic	14.7	--	--
Lead	5,200	6,080	520
Copper	380	--	--

Sample ID	WP-4
Depth	5'-6'
Hexavalent chromium	1.10

Sample ID	BY-1	
Depth	0'-1'	1'-3'
Lead	631	9,220
Cadmium	--	22.8
Chromium	1,390	--
Oil	5,000	--
cPAHs	0.7	--

Sample ID	C5
Depth	3'-4.5'
Lead	287

Sample ID	WP-6	WP-6
Depth	1'-2'	5'-6'
Hexavalent chromium	--	1.80
cPAHs	1.49	--

Sample ID	MW-43A		
Depth	2'-3'	6.5'-7.5'	11'-12'
Lead	382J	4,430	463
Copper	347J	2,560	103

Sample ID	BY-4	
Depth	4'-6'	6'-7.5'
Lead	3,330	3,780

Sample ID	DS-2
Depth	6'-8'
Total TEQ cPAHs	3.20

Sample ID	EH4-S-1.5
Depth	1.5'
cPAHs	1.2

Sample ID	FWW-2
Depth	6.5'-8'
Gasoline	1,860

Sample ID	S5
Depth	4'
Lead	619

Sample ID	SWS-1	
Depth	3.5'-5'	6'-7'
PCBs	--	1.75
Lead	626	1,030

Sample ID	SFA-S15-3
Depth	3'
Arsenic	58.6

Sample ID	S8
Depth	4'
Lead	261

Sample ID	EH4-W-1.5
Depth	1.5'
cPAHs	0.926

Sample ID	S1
Depth	3'
Lead	1,180

Sample ID	DG11-1
Depth	3'-4'
PCBs	1.69
Total TEQ D/F	0.000795

Sample ID	BY-5
Depth	7'-9'
Lead	1,310

Sample ID	C6
Depth	3'-4.5'
Total TEQ D/F	0.000747

Sample ID	SS-BOT-03
Depth	5.5'-6'
PCBs	1.45

(Beneath Stormwater Treatment System)

Sample ID	SS-SW-04
Depth	4.5'-5'
Copper	911

Sample ID	DG11-12
Depth	2'-3'
Gasoline	14,000

Sample ID	SS-SW-05
Depth	7.5'-8'
Copper	336

Sample ID	DG11-11	DG11-11
Depth	1'-2'	2'-3'
PCBs	--	1.97
Copper	509	3,450

NOTES

1. Exploration locations are approximate.
2. Base map and historic exploration points are from Kennedy-Jenks Figures 2 and 3, 046001.00/Report/Po4SK003.
3. Concentrations are expressed in milligrams per kilograms (mg/kg).
4. Established project remediation levels (mg/kg):

PCBs	0.5
cPAHs	0.6
TCE	5
Arsenic	14.6
Copper	250
Lead	250
TEQ D/F	1.3E-05
Gasoline	250
Oil	4,000

5. Value protective of sediment via bank erosion:

Cadmium	5.1
Chromium	260

6. Value protective of surface water via groundwater - saturated zone:

Hexavalent chromium	0.96

Abbreviations

PCBs = Polychlorinated Biphenyls
cPAHs = Carcinogenic Polycyclic Aromatic Hydrocarbons
TCE = Trichloroethylene
TEQ = Toxicity Equivalency Quotient
D/F = Dioxin/Furan

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CHEMICALS OF CONCERN IN SOIL ABOVE THE PROJECT CRITERIA

July 2020 21-1-12567-021

SHANNON & WILSON, INC. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 12

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