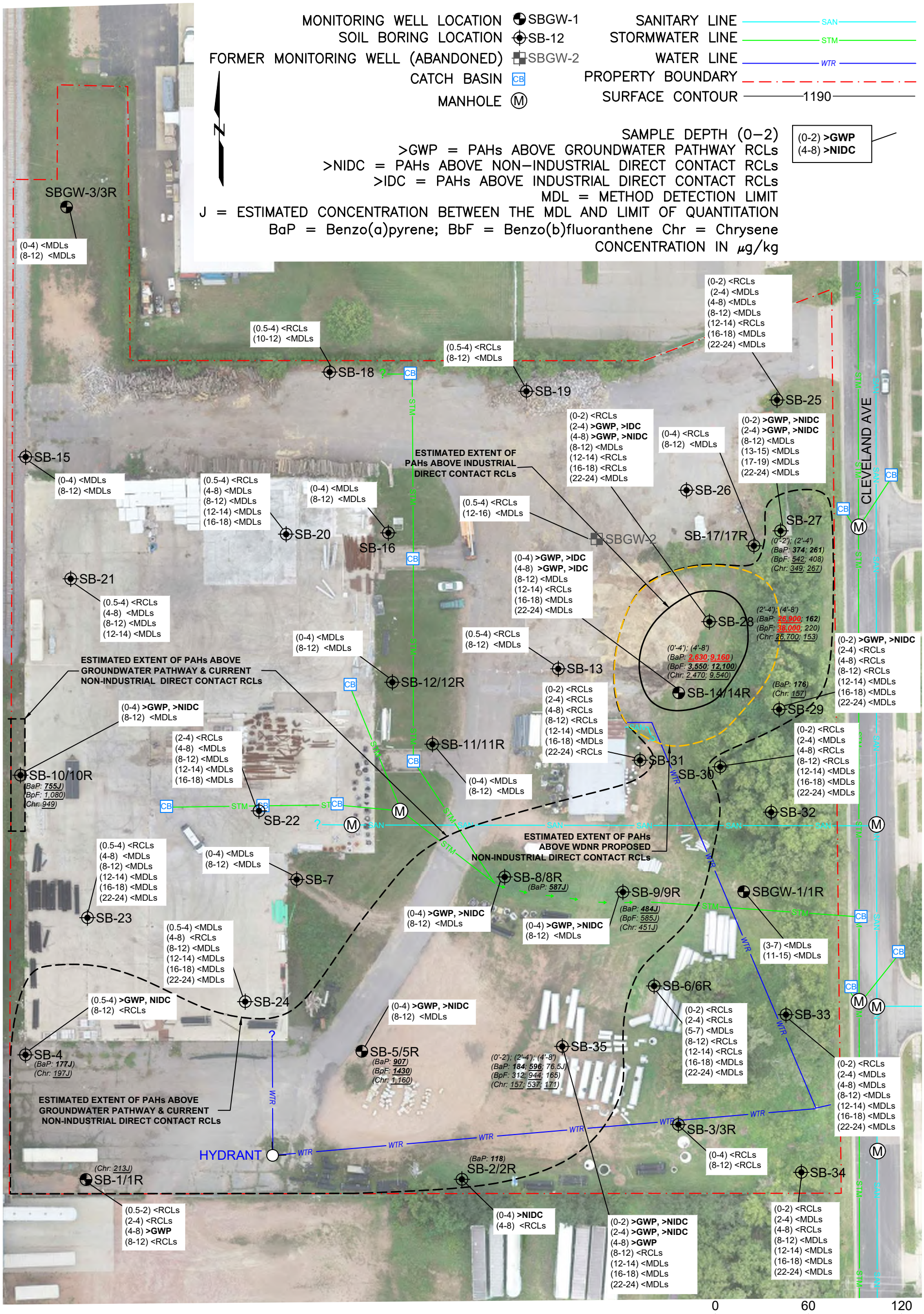


NOTES:

1. HORIZONTAL DATUM WISCONSIN MARATHON COUNTY COORDINATE SYSTEM
2. VERTICAL DATUM NAVD 88
3. BACKGROUND IMAGE GEI DRONE SURVEY DATED 8-27-2021

WDNR BRRTS #02-37-587081
1300 CLEVELAND AVE
WAUSAU, WI

CITY OF WAUSAU
WAUSAU, W

GEI Consultants

IDENTIFIED SOIL IMPACTS (PAHs)

Project 2102778 | JAN 2022 | Fig. B.2.a.i

BURGER, DAVE J:\2021\City Of Wausau\Fig B2ai PAH Extent.DWG - 1/12/2022

LEGEND

MONITORING WELL LOCATION SBGW-1
SOIL BORING LOCATION SB-12
FORMER MONITORING WELL (ABANDONED) SBGW-2
CATCH BASIN CB
MANHOLE M

SANITARY LINE SAN
STORMWATER LINE STM
WATER LINE WTR
PROPERTY BOUNDARY
SURFACE CONTOUR 1190

SAMPLE DEPTH (0–2) IN FEET AND CONCENTRATION OF DEHP IN µg/kg
[UNDERLINE = EXCEEDS GROUNDWATER PATHWAY RCL]
[BOLD = EXCEEDS DIRECT CONTACT PATHWAY RCL]
J = ESTIMATED CONCENTRATION BETWEEN THE MDL AND LIMIT OF QUANTITATION

(0-2) 3,360
(4-8) **381,000**

SBGW-3/3R

(0-2) 751
(2-4) <28.9
(8-12) <28.9
(22-24) <28.5

SB-18
SB-19
SB-25
SB-15
SB-16
SB-20
SB-26
SB-27
SBGW-2
SB-17/17R
SB-21
SB-28
SB-13
SB-12/12R
SB-14/14R
SB-29
SB-11/11R
SB-31
SB-30
SB-10/10R
SB-32
SB-22
SB-7
SB-8/8R
SB-9/9R
SBGW-1/1R
SB-23
SB-6/6R
SB-33
SB-24
SB-35
SB-4
SB-5/5R
SB-3/3R
HYDRANT
SB-1/1R
SB-2/2R
SB-34

(0-2) <310
(2-4) <478
(4-8) <325
(8-12) <29.2
(12-14) <148
(16-18) <29.0
(22-24) <33.0

(0-2) 203J
(2-4) <270
(4-8) <349
(8-12) <30.4
(16-18) <29.1
(22-24) <30.6

(0-2) <30.2
(2-4) <29.8
(4-8) <29.3
(8-12) <29.6
(12-14) <28.2
(16-18) <28.6
(22-24) <28.5

(0-2) 2,020
(2-4) <30.7
(4-8) <54.4
(8-12) <157
(12-14) <29.4
(16-18) <29.2
(22-24) <30.8

(0.5-4) <29.6
(4-8) <28.3
(8-12) <28.4

(2-4) 384
(4-8) <28.9
(8-12) <29.1

(0.5-4) 2,160
(4-8) <169
(8-12) <29.3
(22-24) <29.6

(0-2) <123
(2-4) 1,270
(4-8) **381,000**
(12-14) <28.7
(22-24) <30.0

(0-2) 3,360
(2-4) 4,800
(8-12) <358
(22-24) <30.2

(0-2) 582
(2-4) 263
(8-10) <1,100
(22-24) <29.7

(0-2) 1,710
(2-4) <30.2
(4-8) <31.9
(12-14) <28.7
(22-24) <30.6

ESTIMATED EXTENT OF DEHP ABOVE GROUNDWATER PATHWAY RCL
ESTIMATED EXTENT OF DEHP ABOVE INDUSTRIAL DIRECT CONTACT RCL
ESTIMATED EXTENT OF DEHP ABOVE NON-INDUSTRIAL DIRECT CONTACT RCL

CLEVELAND AVE

0 60 120
SCALE: 1" = 60'

NOTES:

1. HORIZONTAL DATUM WISCONSIN MARATHON COUNTY COORDINATE SYSTEM
2. VERTICAL DATUM NAVD 88
3. BACKGROUND IMAGE GEI DRONE SURVEY DATED 8-27-2021

WDNR BRRTS #02-37-587081
1300 CLEVELAND AVE
WAUSAU, WI

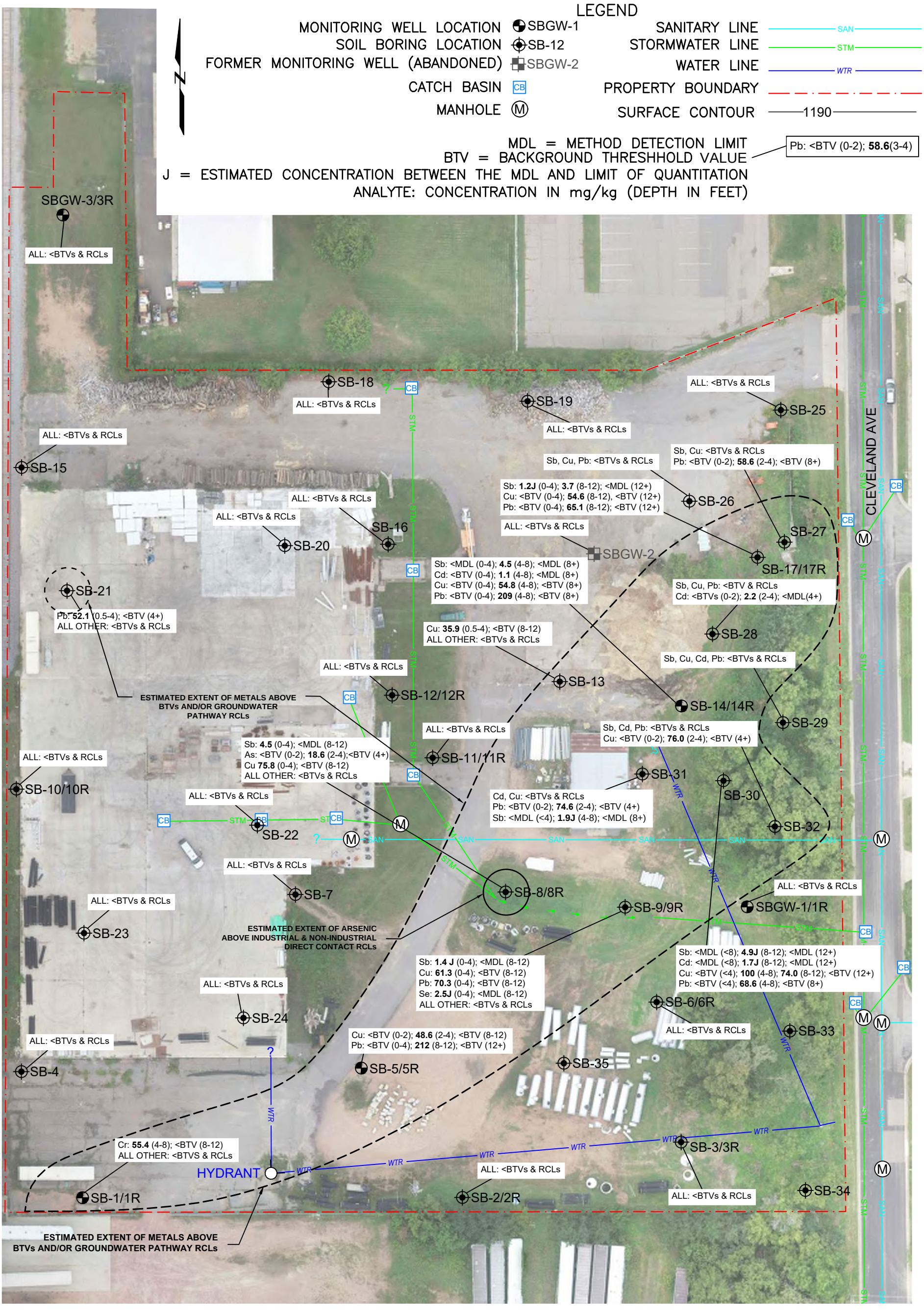
CITY OF WAUSAU
WAUSAU, WI

GEI Consultants

IDENTIFIED SOIL IMPACTS (DEHP)

Project 2102778 | JAN 2022 | Fig. B.2.a.ii.

BURGER, DAVE J:\2021\City Of Wausau\Fig B2aii DEHP Extent.DWG - 1/12/2022



NOTES:

1. HORIZONTAL DATUM WISCONSIN MARATHON COUNTY COORDINATE SYSTEM
2. VERTICAL DATUM NAVD 88
3. BACKGROUND IMAGE GEI DRONE SURVEY DATED 8-27-2021
4. FIGURE EXCLUDES THALIUM DETECTIONS (CONSIDERED TO BE BACKGROUND)

0 60 120

SCALE: 1" = 60'

WDNR BRRTS #02-37-587081
1300 CLEVELAND AVE
WAUSAU, WI

CITY OF WAUSAU
WAUSAU, WI

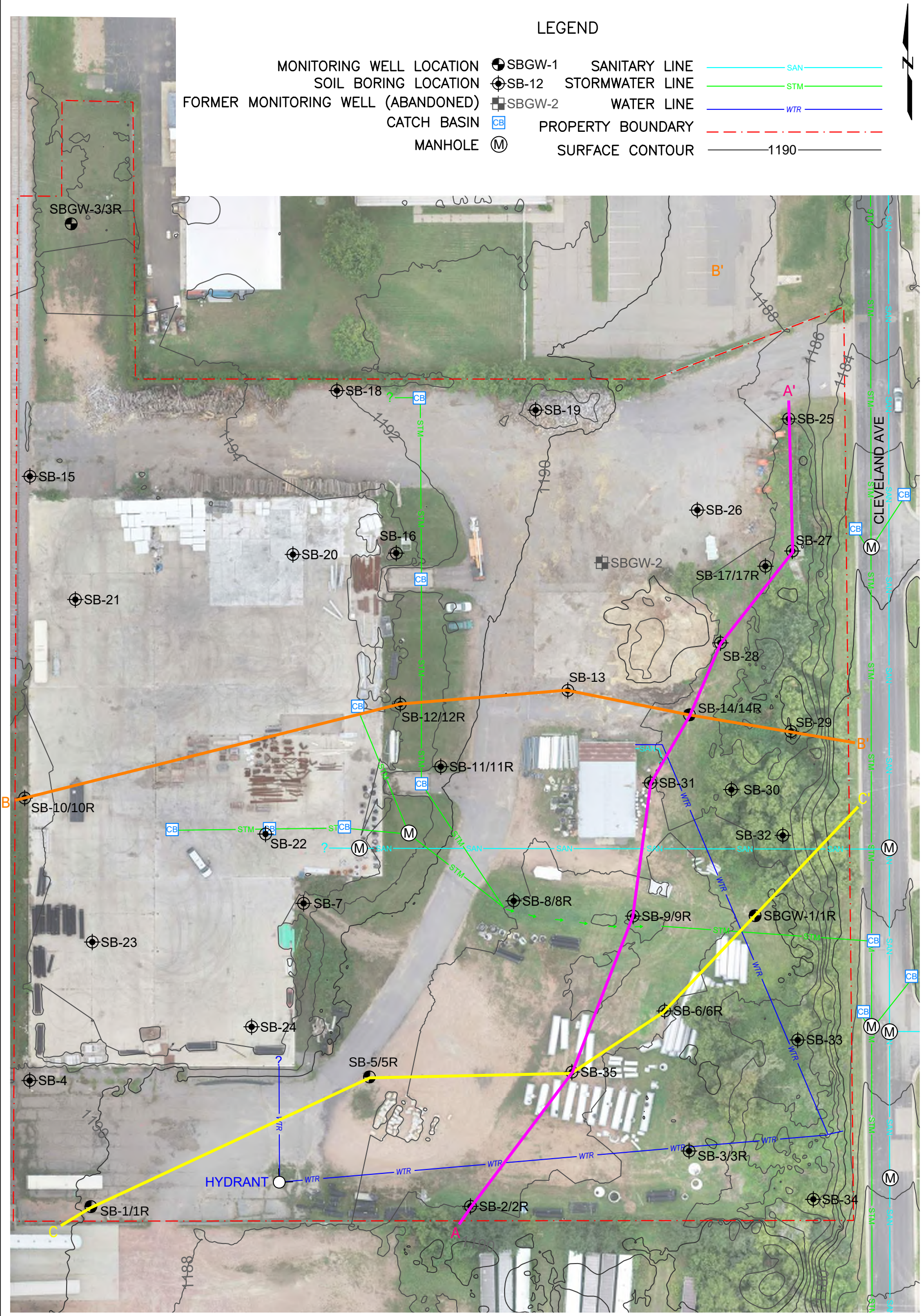
GEI Consultants

Project 2102778

IDENTIFIED SOIL IMPACTS (METALS)

JAN 2022 Fig. B.2.a.iii

BURGER, DAVE J:\2021\City Of Wausau\Fig B2aiii Metals Extent.DWG - 1/12/2022



NOTES:

1. HORIZONTAL DATUM WISCONSIN MARATHON COUNTY COORDINATE SYSTEM
2. VERTICAL DATUM NAVD 88
3. BACKGROUND IMAGE GEI DRONE SURVEY DATED 8-27-2021

WDNR BRRTS #02-37-587081
1300 CLEVELAND AVE
WAUSAU, WI

CITY OF WAUSAU
WAUSAU, WI

GEI Consultants

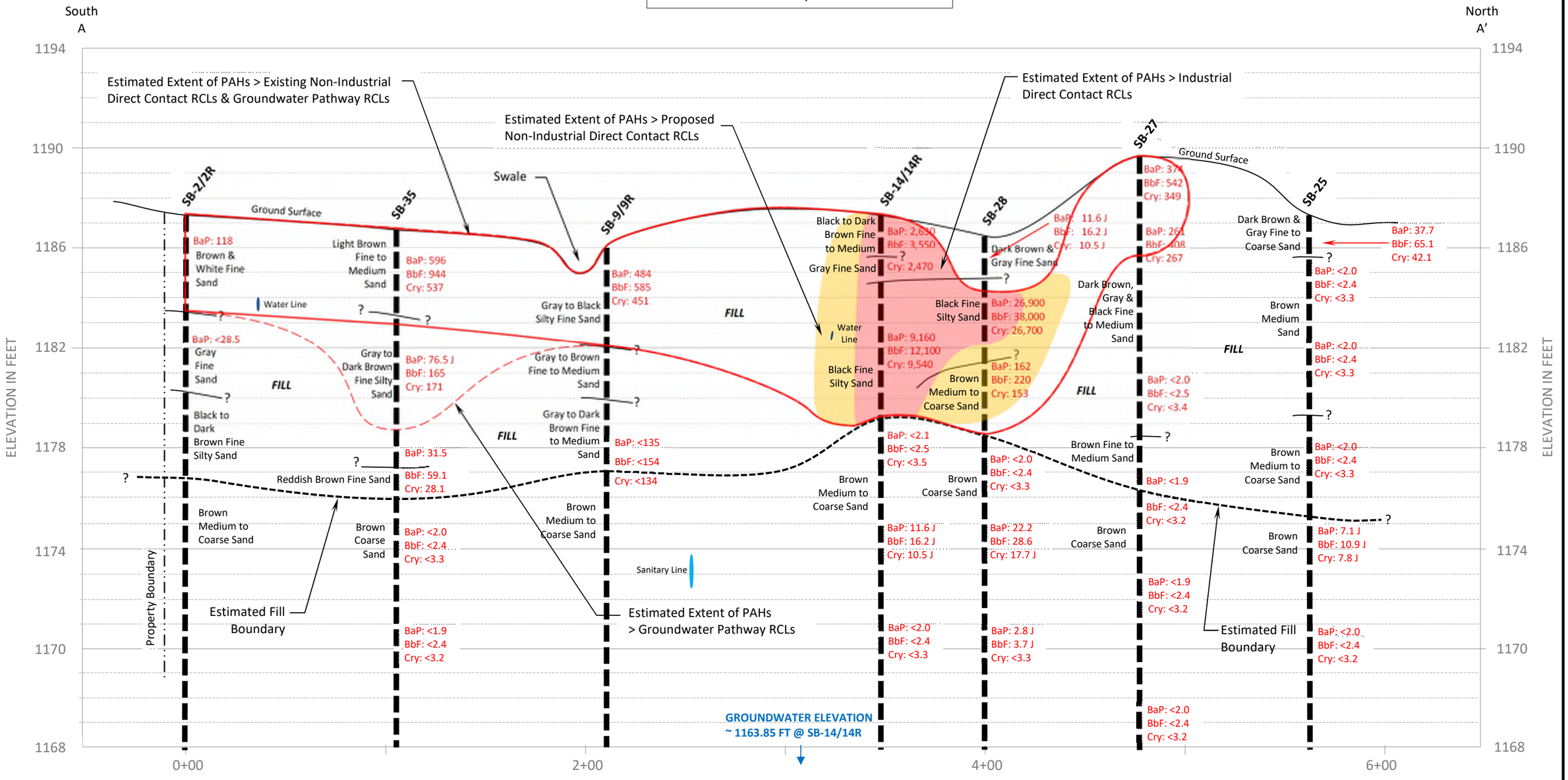
Project 2102778

CROSS SECTION INDEX MAP

JAN 2022

Fig. B.3.a.i

Scale: Vertical 1" = 4' , Horizontal 1" = 50'



LEGEND

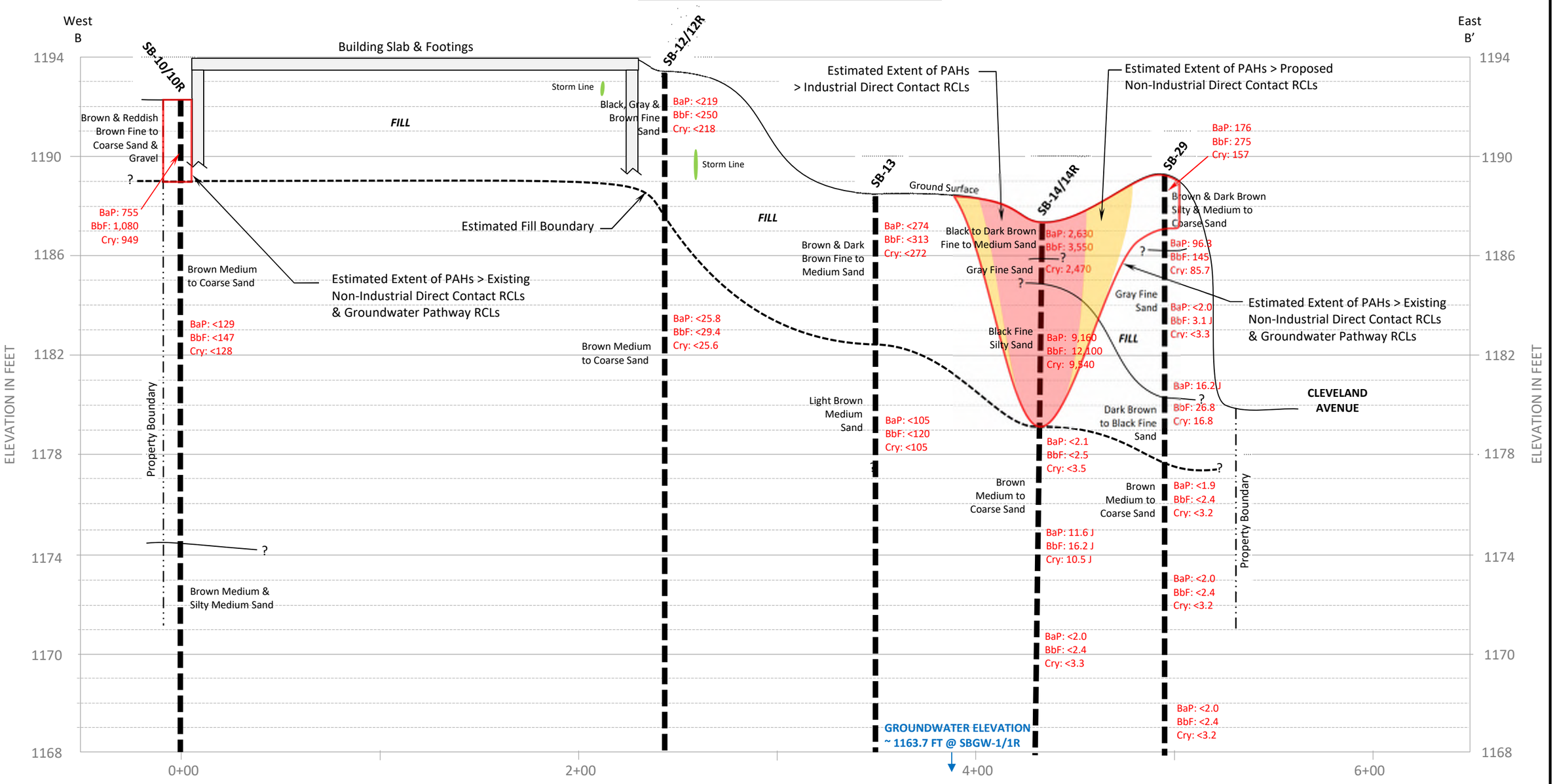
43.6 PAH CONCENTRATIONS (ug/kg) [BaP = Benzo(a)Pyrene, BbF = Benzo(b)fluoranthene, Cry = Chrysene, ND = Not Detected]

NOTES:

1. REFER TO FIGURE 7 FOR CROSS SECTION INDEX MAP.
2. PID FIELD READINGS FOR ALL SAMPLE INTERVALS WERE < 0.1 UNITS.
3. UTILITY LOCATIONS AND DEPTHS ESTIMATED BASED ON INFORMATION OBTAINED FROM A PRIVATE LOCATER AND FIELD OBSERVATIONS.

WDNR BRRTS #02-37-587081 1300 CLEVELAND AVENUE WAUSAU, WI	GEI Consultants	GEOLOGIC CROSS-SECTION A-A'
CITY OF WAUSAU WAUSAU, WI	Project 2102778	JAN 2022 Fig. B.3.a.ii.

Scale: Vertical 1" = 4' , Horizontal 1" = 50'



LEGEND

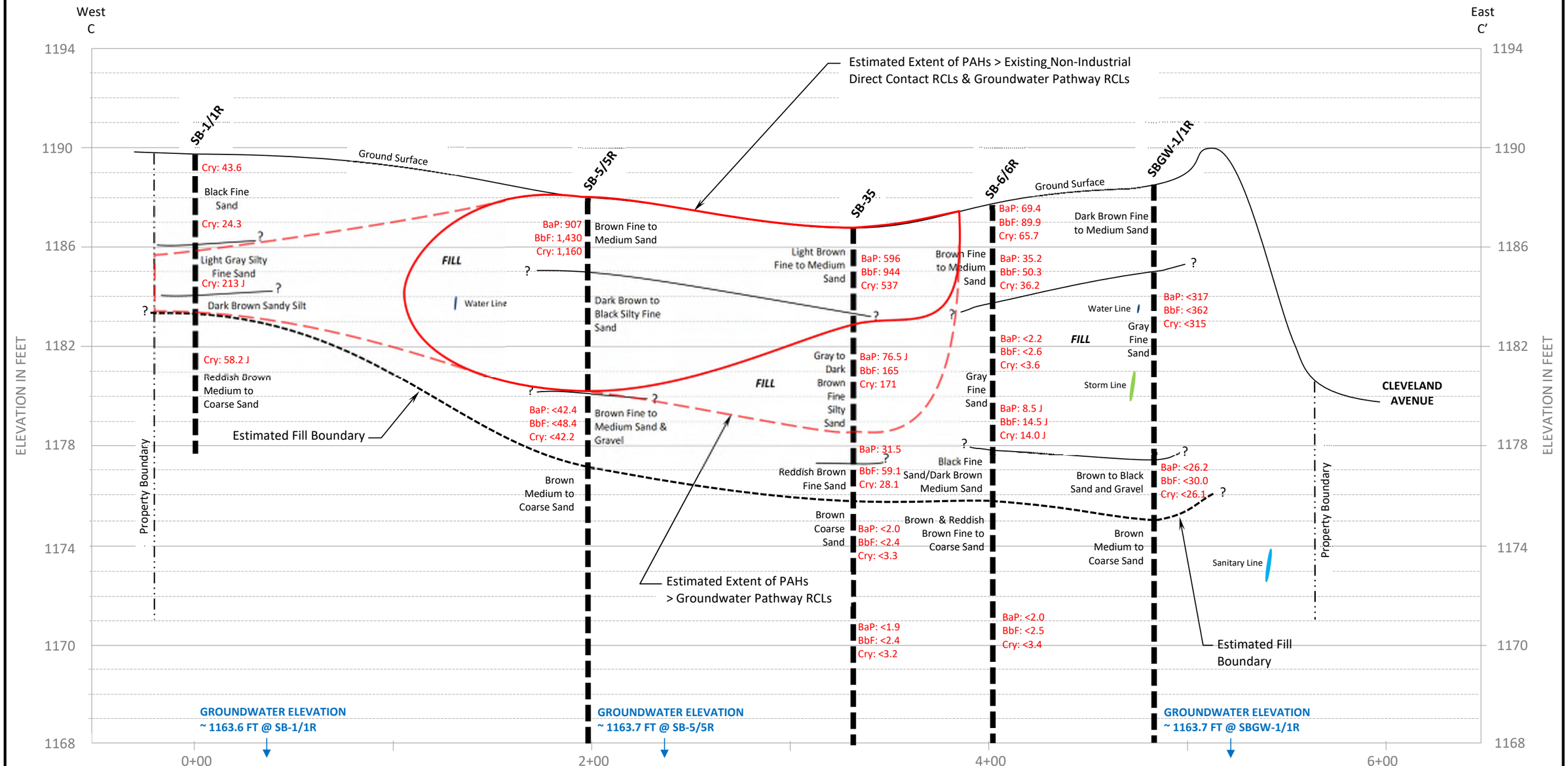
43.6 PAH CONCENTRATIONS (ug/kg) [BaP = Benzo(a)Pyrene, BbF = Benzo(b)fluoranthene, Cry = Chrysene, ND = Not Detected]

NOTES:

1. REFER TO FIGURE 7 FOR CROSS SECTION INDEX MAP.
2. PID FIELD READINGS FOR ALL SAMPLE INTERVALS WERE < 0.1 UNITS.
3. UTILITY LOCATIONS AND DEPTHS ESTIMATED BASED ON INFORMATION OBTAINED FROM A PRIVATE LOCATER AND FIELD OBSERVATIONS.

WDNR BRRTS #02-37-587081 1300 CLEVELAND AVENUE WAUSAU, WI	GEI Consultants	GEOLOGIC CROSS-SECTION B-B'
CITY OF WAUSAU WAUSAU, WI	Project 2102778	JAN 2022 Fig. B.3.a.iii

Scale: Vertical 1” = 4’ , Horizontal 1” = 50’



LEGEND

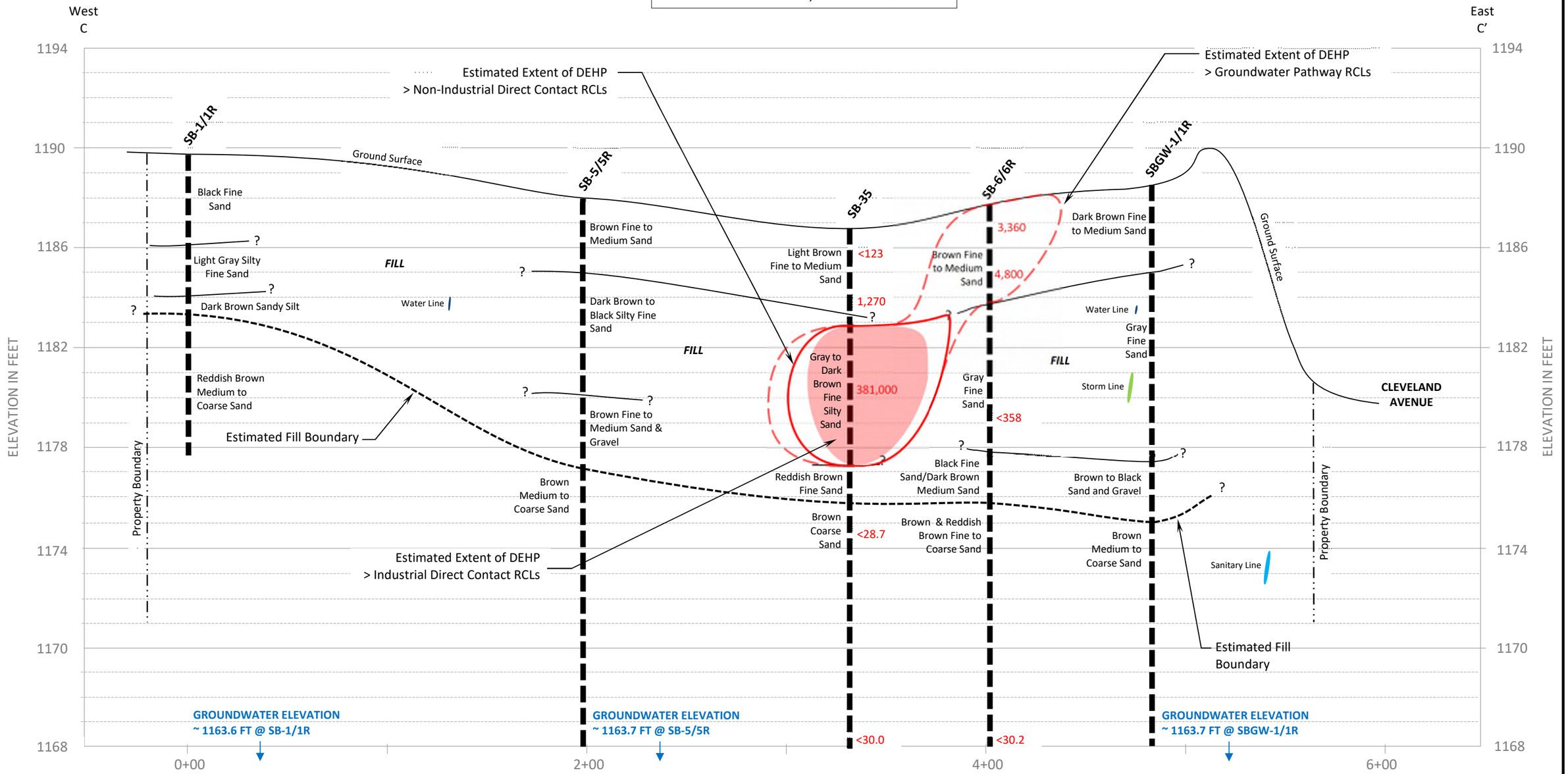
43.6 PAH CONCENTRATIONS (ug/kg) [BaP = Benzo(a)Pyrene, BbF = Benzo(b)fluoranthene, Cry = Chrysene, ND = Not Detected]

NOTES:

1. REFER TO FIGURE 7 FOR CROSS SECTION INDEX MAP.
2. PID FIELD READINGS FOR ALL SAMPLE INTERVALS WERE < 0.1 UNITS.
3. UTILITY LOCATIONS AND DEPTHS ESTIMATED BASED ON INFORMATION OBTAINED FROM A PRIVATE LOCATER AND FIELD OBSERVATIONS.

WDNR BRRTS #02-37-587081 1300 CLEVELAND AVENUE WAUSAU, WI	GEI Consultants	GEOLOGIC CROSS-SECTION C-C’ (PAHs EXTENT)
CITY OF WAUSAU WAUSAU, WI	Project 2102778	JAN 2022 Fig. B.3.a.iv

Scale: Vertical 1" = 4' , Horizontal 1" = 50'



LEGEND

3,360 DEHP CONCENTRATION (mg/kg)

NOTES:

1. REFER TO FIGURE 7 FOR CROSS SECTION INDEX MAP.
2. PID FIELD READINGS FOR ALL SAMPLE INTERVALS WERE < 0.1 UNITS.
3. UTILITY LOCATIONS AND DEPTHS ESTIMATED BASED ON INFORMATION OBTAINED FROM A PRIVATE LOCATER AND FIELD OBSERVATIONS.

WDNR BRRTS #02-37-587081 1300 CLEVELAND AVENUE WAUSAU, WI	GEI Consultants	GEOLOGIC CROSS-SECTION C-C' (DEHP EXTENT)
CITY OF WAUSAU WAUSAU, WI	Project 2102778	JAN 2022 Fig. B.3.a.v