

SITE CHARACTERIZATION REPORT

**TRAINER INDUSTRIES, LLC/
FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA**

VOLUME 2 FIGURES & APPENDICES

Prepared for

ConocoPhillips Company
Environmental Health & Safety
Trainer Refinery
4101 Post Road
Trainer, Pennsylvania 19061

Prepared by

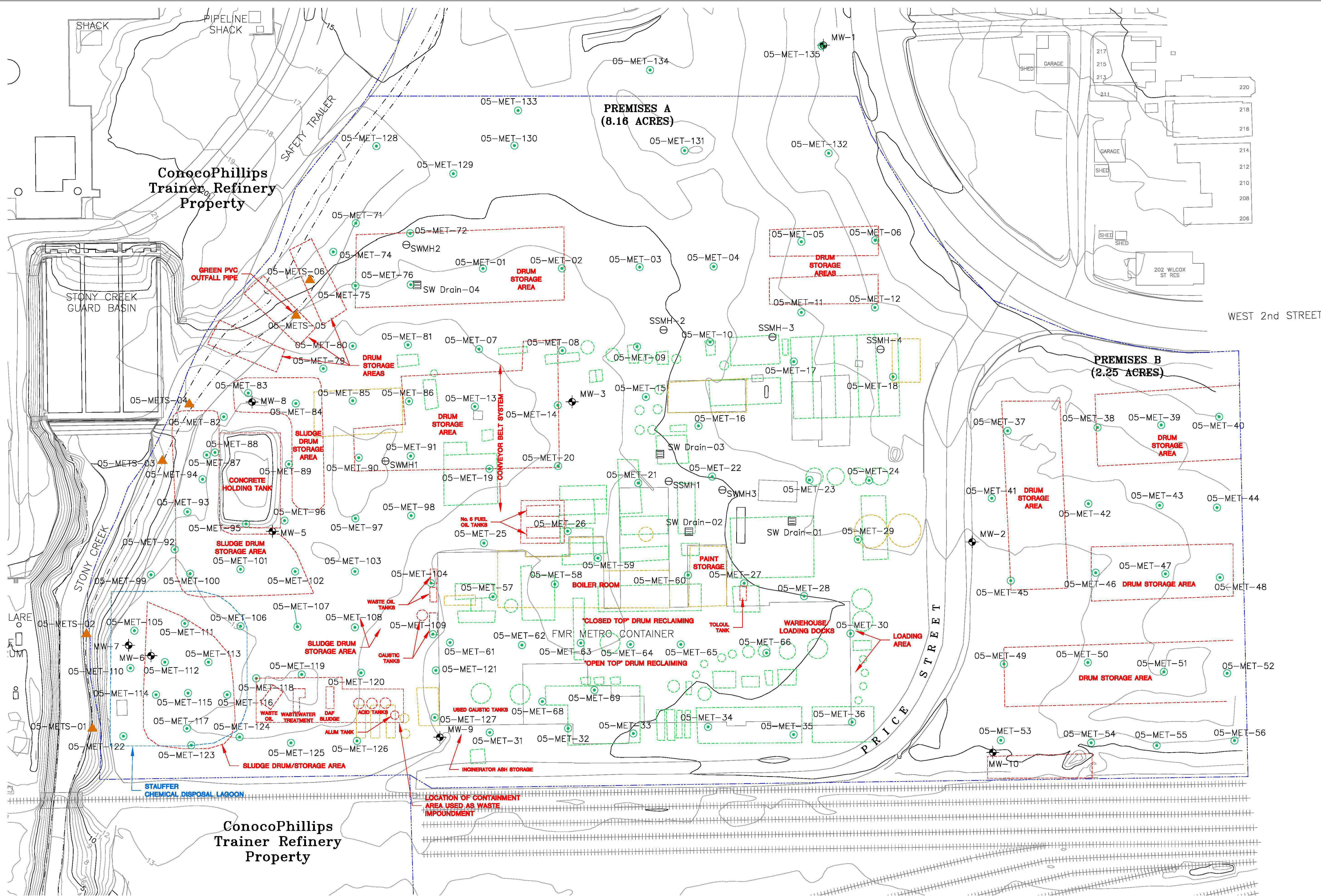
MWH Americas, Inc.
335 Phoenixville Pike
Malvern, Pennsylvania 19355

MWH Project No. 2111133

November 11, 2005



TRAINER INDUSTRIES, LLC/FORMER METRO CONTAINER CORPORATION SITE LOCATION MAP

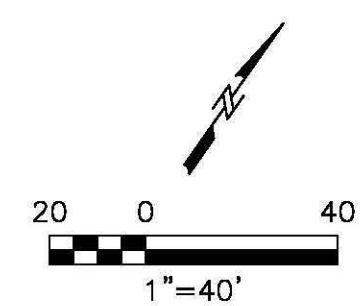


LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- HISTORICAL BUILDING OUTLINE AS OF 1917
- HISTORICAL BUILDING OUTLINE AS OF 1950
- HISTORICAL BUILDING/DRUM STORAGE/IMPOUNDMENT FEATURE OUTLINE AS OF 1988 (ALL LABELED FEATURES DESCRIBE FORMER METRO CONTAINER OPERATIONS)
- HISTORICAL STAUFFER CHEMICAL DISPOSAL LAGOON
- MONITORING WELLS
- SITE CHARACTERIZATION SOIL AND GROUNDWATER SAMPLING LOCATION
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION

- CATCH BASIN SURVEYED BY MWH
- MAN-HOLE SURVEYED BY MWH

NOTE:
INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST-0125-G.

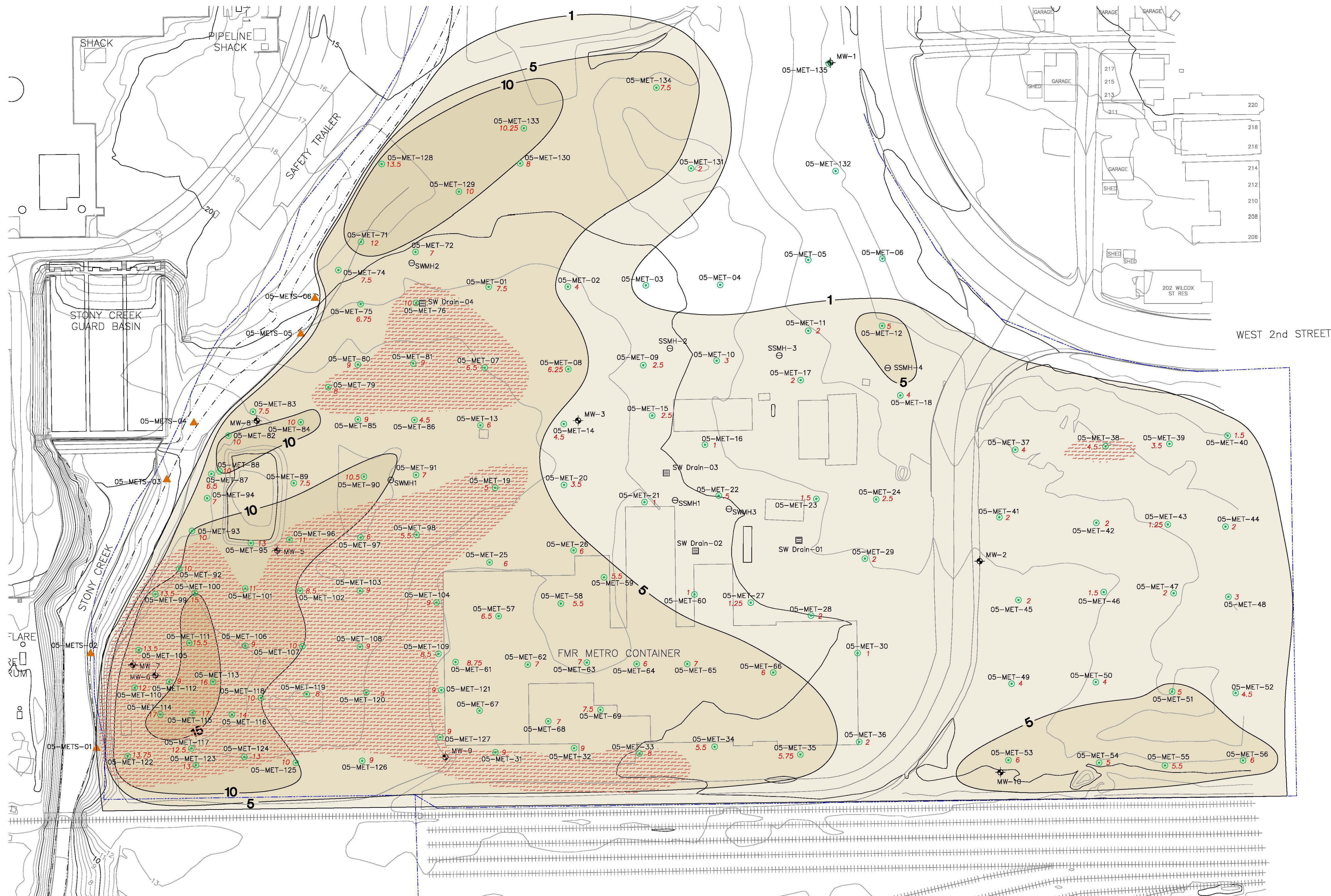


SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

LOCATION OF HISTORICAL
OPERATIONS AND 2005 SITE
CHARACTERIZATION SAMPLING LOCATIONS

FIGURE 3-1

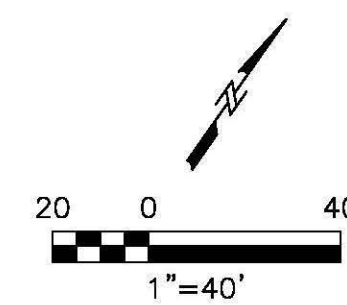
S:\LAND PROJECTS\CONSTRUCTION\Trainer\Metro Container Investigation\Figure 4-1.mxd



LEGEND

- | | | | |
|--|--|--|--|
| | APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS) | | LOCATION OF SLUDGE DEPOSITS |
| | RAILROAD TRACKS | | THICKNESS OF ANTHROPOGENIC FILL (FEET) |
| | MONITORING WELLS | | THICKNESS OF FILL MATERIAL/SLUDGE DEPOSITS OR FILL MATERIAL AT THIS LOCATION |
| | SITE CHARACTERIZATION SOIL AND GROUNDWATER SAMPLING LOCATION | | |
| | SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION | | |
| | CATCH BASIN SURVEYED BY MWH | | |
| | MANHOLE SURVEYED BY MWH | | |

NOTE:
INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST-0125-G.



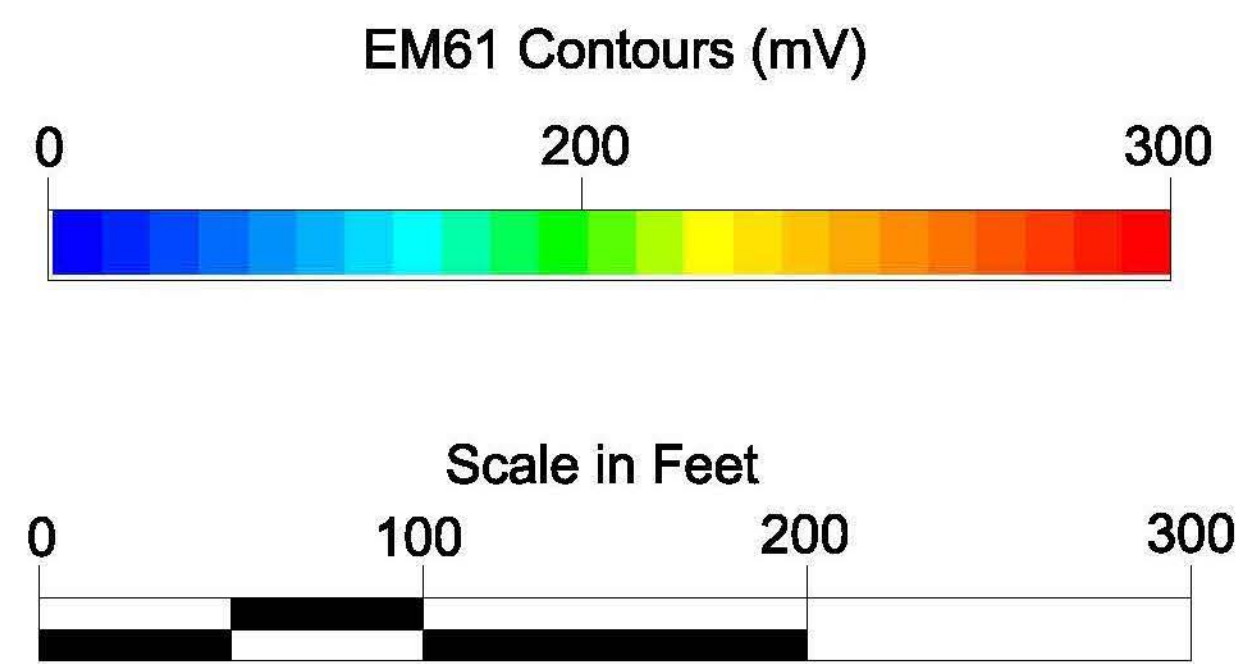
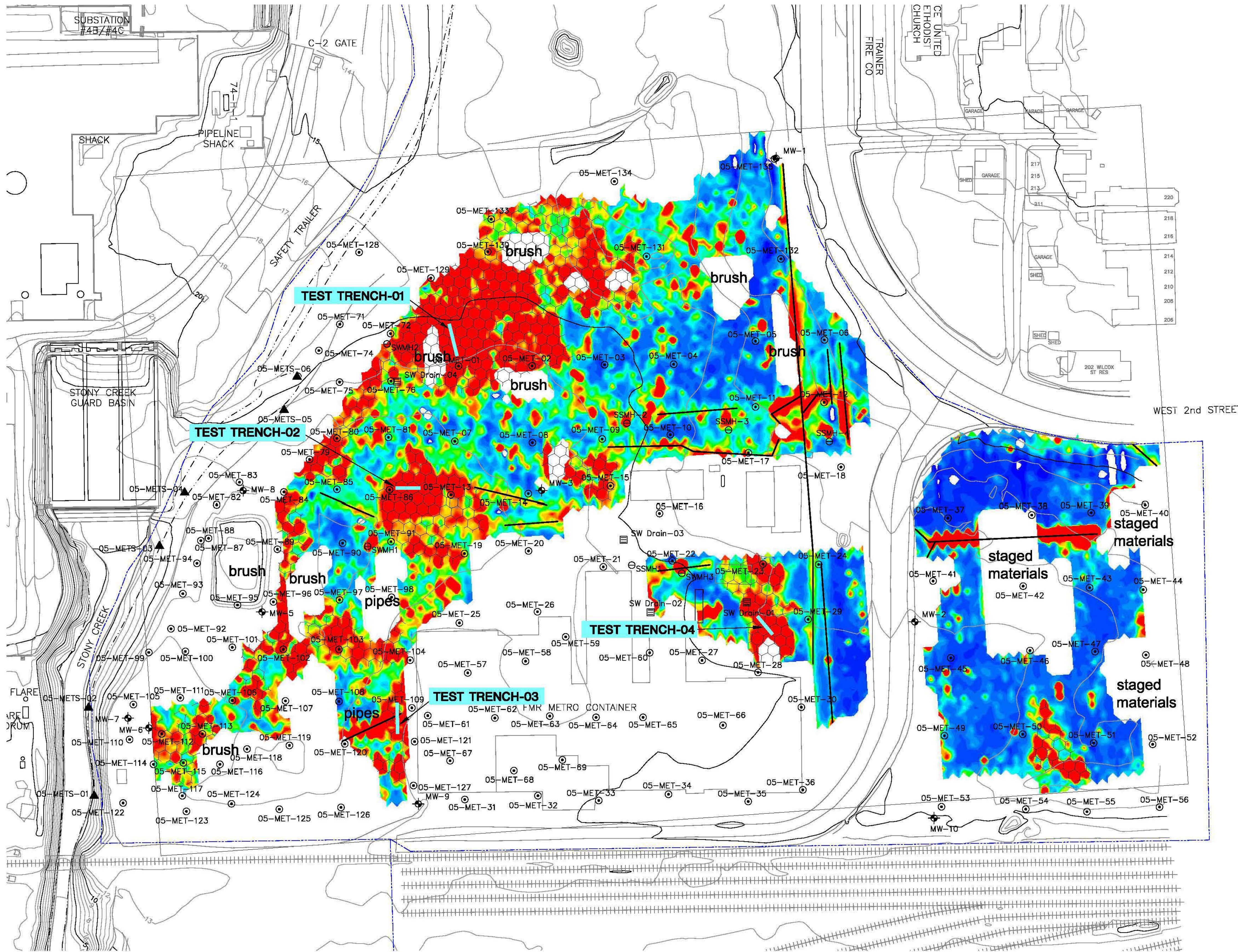
SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

LOCATION OF SLUDGE DEPOSITS
AND THICKNESS OF
ANTHROPOGENIC FILL MATERIAL



FIGURE 4-1

AR100196



Basemap: Metro-03.dwg from MWH Americas, Inc.

LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SOIL AND GROUNDWATER SAMPLING LOCATION
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH
- BURIED METAL DEBRIS FIELD, MAY CONTAIN DRUMS
- POTENTIAL BURIED PIPE
- TEST TRENCH LOCATION

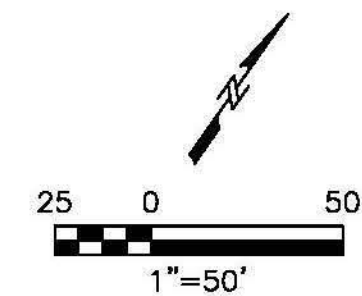
NOTE:
INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST-0125-G.

SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

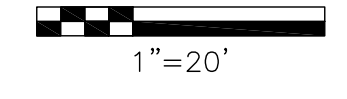
GEOPHYSICAL SURVEY EM-61 CONTOUR MAP
AND LOCATION OF TEST TRENCHES



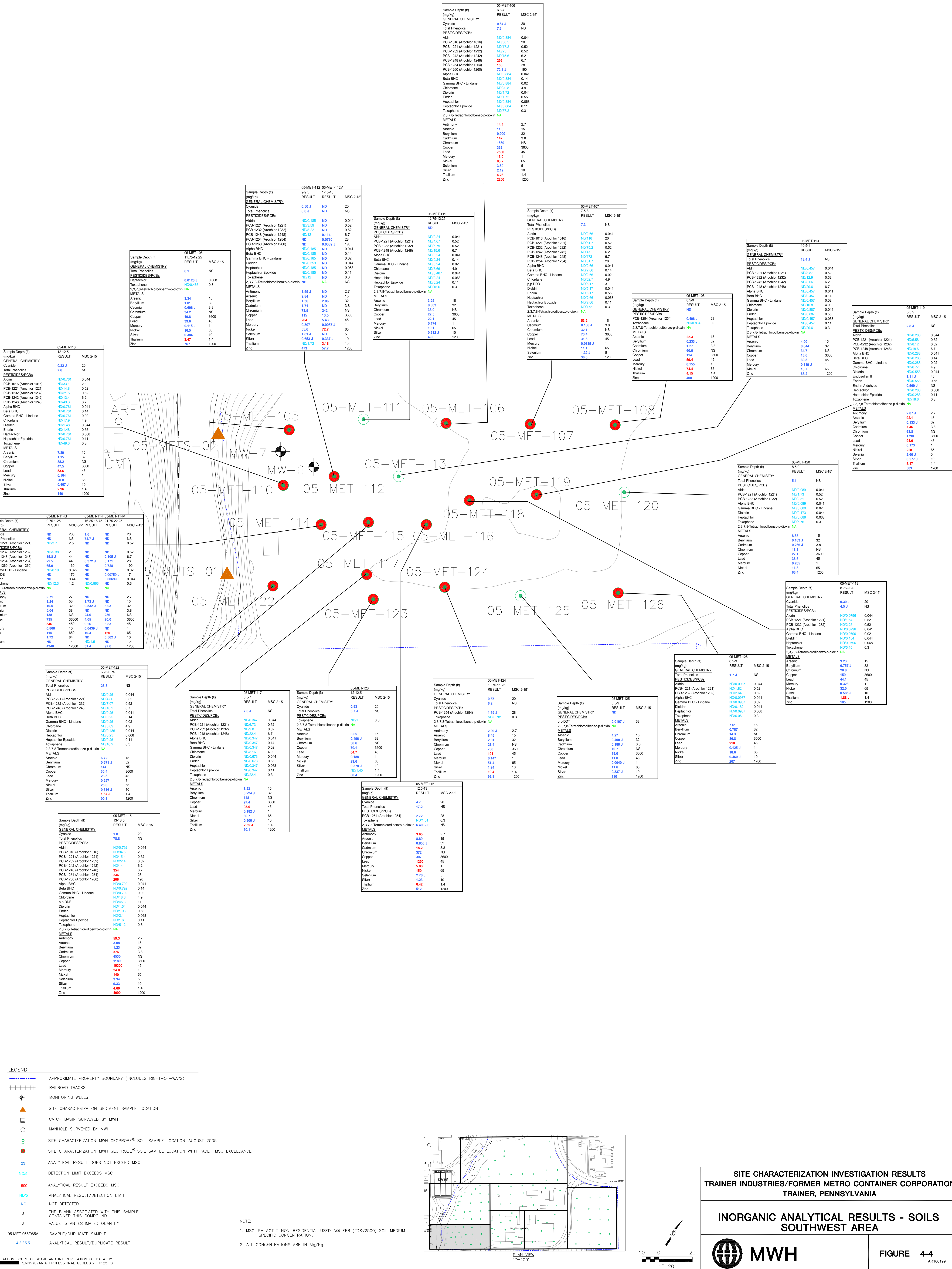
FIGURE 4-2

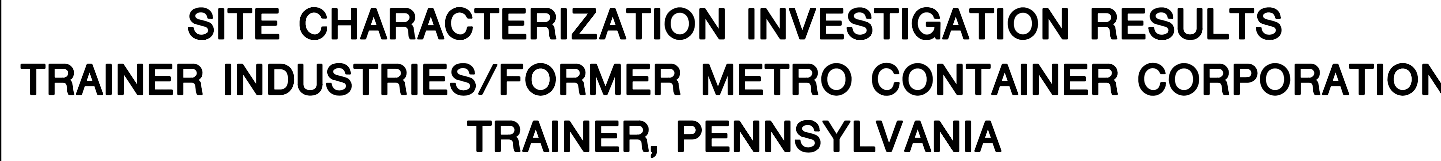


- NOTE:
1. MSC: PA ACT 2 NON-RESIDENTIAL USE SPECIFIC CONCENTRATION.
 2. ALL CONCENTRATIONS ARE IN Mg/Kg.



ORGANIC ANALYTICAL RESULT MAP - SOILS SOUTHWEST AREA





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LEGEND

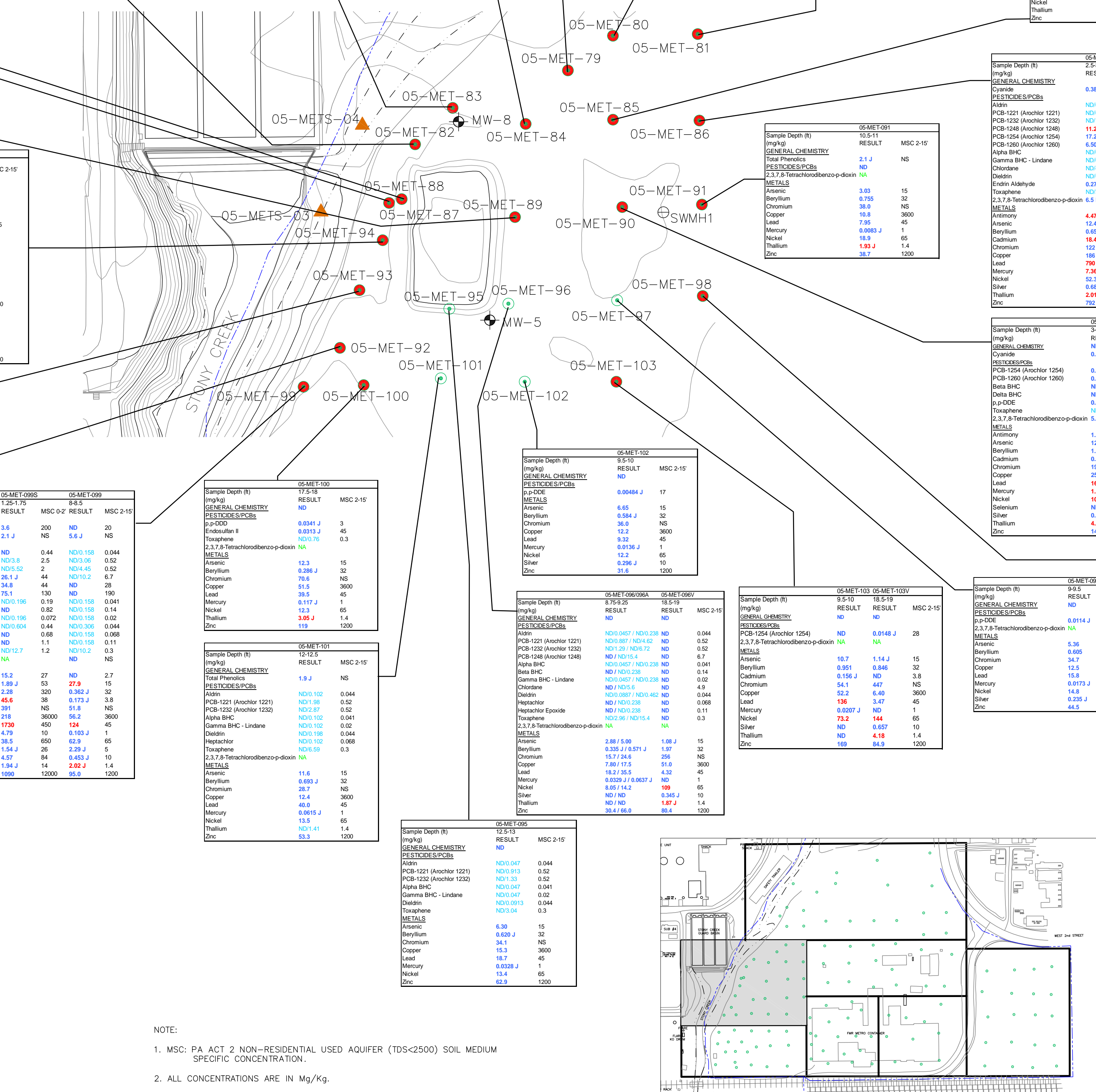
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- +++++ RAILROAD TRACKS
- ⊕ MONITORING WELLS
- ▲ SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- ☐ CATCH BASIN SURVEYED BY MWH
- ⊖ MANHOLE SURVEYED BY MWH
- SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION—AUGUST 2005
- SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION WITH PADEP MSC EXCEEDANCE
- 23 ANALYTICAL RESULT DOES NOT EXCEED MSC
- ND/S DETECTION LIMIT EXCEEDS MSC
- 1500 ANALYTICAL RESULT EXCEEDS MSC
- ND/S ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA NOT ANALYZED
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 05-MET-065/065A SAMPLE/DUPLICATE SAMPLE
- 4.3/5.5 ANALYTICAL RESULT/DUPLICATE RESULT

NOTE:

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST—0125-G.

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.
- ALL CONCENTRATIONS ARE IN Mg/Kg.



Sample Depth (ft)	05-MET-064	RESULT	MSC 2-15
GENERAL CHEMISTRY	2.2 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	8.27	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.0724 J	1	
Nickel	8.64	65	
Thallium	1.74 J	1.4	
Zinc	88.4	1200	

Sample Depth (ft)	05-MET-063	RESULT	MSC 2-15
GENERAL CHEMISTRY	2.2 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	8.27	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.0724 J	1	
Nickel	8.64	65	
Thallium	1.74 J	1.4	
Zinc	88.4	1200	

Sample Depth (ft)	05-MET-062	RESULT	MSC 2-15
GENERAL CHEMISTRY	2.25-2.75	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	8.27	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.0724 J	1	
Nickel	8.64	65	
Thallium	1.74 J	1.4	
Zinc	88.4	1200	

Sample Depth (ft)	05-MET-068	RESULT	MSC 2-15
GENERAL CHEMISTRY	3.3 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	21.3	15	
Beryllium	0.389 J	32	
Chromium	36.9	NS	
Copper	48.4	3600	
Lead	111	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-067	RESULT	MSC 2-15
GENERAL CHEMISTRY	4.4 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	21.3	15	
Beryllium	0.389 J	32	
Chromium	36.9	NS	
Copper	48.4	3600	
Lead	111	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-069	RESULT	MSC 2-15
GENERAL CHEMISTRY	5.5 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-068	RESULT	MSC 2-15
GENERAL CHEMISTRY	6.5 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-062	RESULT	MSC 2-15
GENERAL CHEMISTRY	7.5 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-065	RESULT	MSC 2-15
GENERAL CHEMISTRY	1.25-1.75	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-100	RESULT	MSC 2-15
GENERAL CHEMISTRY	17.5-18	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-101	RESULT	MSC 2-15
GENERAL CHEMISTRY	12.5-13	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-065	RESULT	MSC 2-15
GENERAL CHEMISTRY	12.5-13	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-078	RESULT	MSC 2-15
GENERAL CHEMISTRY	1.5 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-080	RESULT	MSC 2-15
GENERAL CHEMISTRY	6.2 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-081	RESULT	MSC 2-15
GENERAL CHEMISTRY	2.5 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-085	RESULT	MSC 2-15
GENERAL CHEMISTRY	2.5 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-086	RESULT	MSC 2-15
GENERAL CHEMISTRY	2.5 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-091	RESULT	MSC 2-15
GENERAL CHEMISTRY	10.5-11	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-090/09A	RESULT	MSC 2-15
GENERAL CHEMISTRY	3.5 J	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-096	RESULT	MSC 2-15
GENERAL CHEMISTRY	10.5-11	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-096/09A	RESULT	MSC 2-15
GENERAL CHEMISTRY	10.5-11	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-096/09A	RESULT	MSC 2-15
GENERAL CHEMISTRY	10.5-11	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	13.4	3600	
Lead	33.9	45	
Mercury	0.156	1	
Nickel	14.8	65	
Thallium	0.415 J	10	
Zinc	51.9	1.4	
	56.3	1200	

Sample Depth (ft)	05-MET-096/09A	RESULT	MSC 2-15
GENERAL CHEMISTRY	10.5-11	NS	
PESTICIDES/PCBs	ND		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.85	15	
Beryllium	0.389 J	32	
Chromium	20.8	NS	
Copper	1.0	NS	
Cadmium	0.000	NS	
Lead	0.000	NS	
Mercury	0.000	NS	
Nickel	0.000	NS	
Silver	0.000	NS	
Selenium	0.000	NS	
Vanadium	0.000	NS	
Zinc	0.000	NS	

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LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH
- SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION—AUGUST 2005
- SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION WITH PADEP MSC EXCEEDANCE
- ANALYTICAL RESULT DOES NOT EXCEED MSC
- DETECTION LIMIT EXCEEDS MSC
- ANALYTICAL RESULT EXCEEDS MSC
- ANALYTICAL RESULT/DETECTION LIMIT
- NOT DETECTED
- THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- VALUE IS AN ESTIMATED QUANTITY
- SAMPLE/DUPLICATE SAMPLE
- ANALYTICAL RESULT/DUPLICATE RESULT

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.
- ALL CONCENTRATIONS ARE IN Mg/Kg.

NOTE:

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST—0125—G.

05-MET-074			
Sample Depth (ft)	6.75-7.25	RESULT	MSC 2-15'
(mg/kg)			
VOs			
Acrolein	ND/0.045	0.012	
Benzene	0.013	0.5	
1,1-Dichloroethane	0.002 J	11	
bis(2-Chloroethyl) ether	0.003 J	7	
Ethylbenzene	0.13	70	
Tetrachloroethylene (PCE)	0.004 J	0.5	
Trichloroethylene (TCE)	0.008 J	0.5	
tert-Butyl alcohol (TBA)	0.17 J	NS	
Toluene	0.18	100	
Vinyl chloride	0.003 J	0.2	
Xylenes (total)	0.85	1000	
VO TICs	24.11	NS	
BtNs			
Acenaphthene	41	470	
Acenaphthylene	6.9	690	
Anthracene	27	35	
Benzo(a)anthracene	ND/34	0.15	
Benzo(a)pyrene	ND/4.7	4.6	
Benzo(b)fluoranthene	ND/4.7	0.055	
bis(2-Chloroethyl) ether	ND/4.7	4	
2-Chlorophenol	5.9 J	23	
2,4-Dichlorophenol	ND/4.7	2	
3,3-Dichlorobenzidine	ND/14	3.2	
2,4-Dinitrophenol	ND/34	4.1	
2,4-Dinitrotoluene	ND/9.4	0.84	
1,4-Dioxane	ND/14	2.4	
1,2-Diphenylhydrazine	ND/4.7	0.33	
Fluoranthene	9.1 J	320	
Fluorene	36	380	
Hexachlorobenzene	ND/4.7	0.1	
Hexachlorobutadiene	ND/9.4	0.12	
Hexachlorocyclopentadiene	ND/24	9.1	
Hexachlorophenol	ND/4.7	0.1	
1-Methylnaphthalene	250	NS	
Naphthalene	58	10	
N-Nitrosodimethylamine	ND/3.4	0.0013	
4-Nitrophenol	ND/24	6	
N-Nitrosodipropylamine	ND/4.7	0.037	
Pentachlorophenol	ND/24	0.5	
Phenanthrene	160	1000	
Pyrene	31	220	
2,4,6-Trichlorophenol	ND/4.7	3.1	
SVO TICs	35559	NS	

05-MET-071			
Sample Depth (ft)	6.75-7.25	RESULT	MSC 2-15'
(mg/kg)			
VOs			
Acrolein	ND/0.027	0.012	
Benzene	3.988	NS	
BtNs			
Anthracene	0.46 J	35	
Benzo(a)anthracene	ND/4.9	0.15	
Benzo(a)pyrene	0.99 J	32	
Benzo(b)fluoranthene	1.4	17	
Benzo(g,h,i)perylene	0.78 J	18	
Benzo(k)fluoranthene	0.60 J	61	
bis(2-Chloroethyl) ether	ND/0.24	0.055	
Chrysene	1.2	23	
2,4-Dinitrophenol	ND/4.9	4.1	
Fluoranthene	2.6	320	
Fluorene	ND/0.24	0.1	
Hexachlorobenzene	ND/0.49	0.12	
Hexachlorobutadiene	ND/0.24	0.1	
Hexachlorocyclopentadiene	ND/0.24	0.1	
Hexachlorophenol	ND/0.49	0.12	
1-Methylnaphthalene	ND/0.24	0.1	
N-Nitrosodimethylamine	ND/0.49	0.12	
4-Nitrophenol	ND/0.49	0.12	
N-Nitrosodipropylamine	ND/0.49	0.12	
Pentachlorophenol	ND/0.49	0.12	
Phenanthrene	ND/0.49	0.12	
Pyrene	ND/0.49	0.12	
SVO TICs	85.92	NS	

05-MET-075 05-MET-075V			
Sample Depth (ft)	3.75-4.25	12.5-13	RESULT
(mg/kg)			
VOs			
Acrolein	ND/2.3	ND/0.021	0.012
Acrylonitrile	ND/0.47	ND	0.27
Benzene	0.11 J	ND	0.5
Ethylene Dibromide (EDB)	ND/0.12	ND	0.005
Ethylbenzene	1.1	ND	70
1,1,2,2-Tetrachloroethane	ND/0.12	ND	0.03
Toluene	0.24 J	ND	100
Xylenes (total)	19	ND	1000
VO TICs	32.38	NS	
BtNs			
Benzo(a)anthracene	ND/49	ND/0.81	0.15
Benzo(a)pyrene	2.7 J	ND	0.055
Benzo(b)fluoranthene	ND/0.47	ND	0.055
bis(2-Ethylhexyl) phthalate	99	ND	13
Chrysene	4.6 J	ND	23
2,4-Dinitrophenol	ND/0.47	ND	2
3,3-Dichlorobenzidine	ND/7.3	ND	3.2
2,4-Dinitrophenol	ND/49	ND	4.1
2,4-Dinitrotoluene	ND/0.47	ND	0.84
1,4-Dioxane	ND/7.3	ND	2.4
1,2-Diphenylhydrazine	ND/0.47	ND	0.33
Fluoranthene	32.4 J	ND	320
Fluorene	2.6 J	ND	380
Hexachlorobenzene	ND/2.4	ND	0.1
Hexachlorobutadiene	ND/0.47	ND	0.12
Hexachlorocyclopentadiene	ND/2.4	ND	9.1
Hexachlorophenol	ND/0.47	ND	0.1
1-Methylnaphthalene	250	NS	
Naphthalene	4.1 J	ND	10
N-Nitrosodimethylamine	ND/4.9	ND/0.081	0.0013
4-Nitrophenol	ND/24	ND	6
N-Nitrosodipropylamine	ND/4.7	ND/0.037	
N-Nitrosophenylamine	ND/4.7	ND	53
Pentachlorophenol	ND/24	ND	0.5
Phenanthrene	8.2 J	ND	1000
Pyrene	8.9 J	ND	220
SVO TICs	2611	27.46	NS

05-MET-076/076A			
Sample Depth (ft)	4.5-5	RESULT	MSC 2-15'
(mg/kg)			
VOs			
Acrolein	ND/0.031 / ND/0.029	0.012	
Benzene	0.81 J	0.5	
Ethylbenzene	0.12 J	10	
Ethylene Dibromide (EDB)	ND/0.043	0.005	
Ethylbenzene	19	70	
1,1,2,2-Tetrachloroethane	ND/0.043	0.03	
Toluene	128	1000	
Xylenes (total)	160	1000	
VO TICs	24.02	NS	
BtNs			
Acenaphthene	0.74	470	
Acenaphthylene	2.8	35	
Anthracene	ND/2.6	0.15	
Benzo(a)anthracene	0.87	32	
Benzo(a)pyrene	0.51 J	4.6	
Benzo(b)fluoranthene	0.71	17	
Benzo(g,h,i)perylene	0.41 J	18	
Benzo(k)fluoranthene	0.38 J	61	
Butyl benzyl phthalate	1.6	1000	
bis(2-Chloroethyl) ether	ND/0.13	0.055	
bis(2-Ethylhexyl) phthalate	ND/0.13	0.055	
Chrysene	1.8	23	
Dibenz(a,h)anthracene	0.22 J	16	
1,2-Dichlorobenzene	1.5	60	
3,3-Dichlorobenzidine	ND/3.8 / ND/4.4	3.2	
2,4-Dinitrophenol	ND/2.5 / ND/3.0	4.1	
2,4-Dinitrotoluene	ND/2.5 / ND/3.0	0.84	
Di-n-butyl phthalate	1.1	1000	
Di-n-octyl phthalate	1.8	1000	
Fluoranthene	3.0	320	
Fluorene	1.7	380	
Hexachlorobenzene	ND/1.3 / ND/1.5	0.1	
Hexachlorobutadiene	ND/2.5 / ND/3.0	0.12	
Hexachlorocyclopentadiene	ND/1.3 / ND/1.5	0.1	
Hexachlorophenol	ND/1.3 / ND/1.5	0.1	
1-Methylnaphthalene	ND/2.5 / ND/3.0	0.0013	
N-Nitrosodimethylamine	ND/6.3 / ND/7.4	6	
4-Nitrophenol	ND/6.3 / ND/7.4	6	
N-Nitrosodipropylamine	ND/1.3 / ND/1.5	0.037	
Pentachlorophenol	ND/6.3 / ND/7.4	0.5	
Phenanthrene	3.4 J / 3.6 J	220	
Pyrene	86 / 127.1	NS	
SVO TICs	48.5	NS	

05-MET-001			
Sample Depth (ft)	5.5-6	RESULT	MSC 2-15'
(mg/kg)			
VOs			
Acrolein	ND/0.85	0.012	
Benzene	0.81 J	0.5	
Ethylbenzene	0.12 J	10	
Ethylene Dibromide (EDB)	ND/0.043	0.005	
Ethylbenzene	19	70	
1,1,2,2-Tetrachloroethane	ND/0.043	0.03	
Toluene	128	1000	
Xylenes (total)	160	1000	
VO TICs	24.02	NS	
BtNs			
Acenaphthene	0.74	470	
Acenaphthylene	2.8	35	
Anthracene	ND/2.6	0.15	
Benzo(a)anthracene	0.87	32	
Benzo(a)pyrene	0.51 J	4.6	
Benzo(b)fluoranthene	0.71	17	
Benzo(g,h,i)perylene	0.41 J	18	
Benzo(k)fluoranthene	0.38 J	61	
Butyl benzyl phthalate	1.6	1000	
bis(2-Chloroethyl) ether	ND/0.13	0.055	
bis(2-Ethylhexyl) phthalate	ND/0.13	0.055	
Chrysene	1.8	23	
Dibenz(a,h)anthracene	0.22 J	16	
1,2-Dichlorobenzene	1.5	60	
3,3-Dichlorobenzidine	ND/3.8 / ND/4.4	3.2	
2,4-Dinitrophenol	ND/2.5 / ND/3.0	4.1	
2,4-Dinitrotoluene	ND/2.5 / ND/3.0	0.84	
Di-n-butyl phthalate	1.1	1000	
Di-n-octyl phthalate	1.8	1000	
Fluoranthene	3.0	320	
Fluorene	1.7	380	
Hexachlorobenzene	ND/1.3 / ND/1.5	0.1	
Hexachlorobutadiene	ND/2.5 / ND/3.0	0.12	
Hexachlorocyclopentadiene	ND/1.3 / ND/1.5	0.1	
Hexachlorophenol	ND/1.3 / ND/1.5	0.1	
1-Methylnaphthalene	ND/2.5 / ND/3.0	0.0013	
N-Nitrosodimethylamine	ND/6.3 / ND/7.4	6	
4-Nitrophenol	ND/6.3 / ND/7.4	6	
N-Nitrosodipropylamine	ND/1.3 / ND/1.5	0.037	
Pentachlorophenol	ND/6.3 / ND/7.4	0.5	
Phenanthrene	3.4 J / 3.6 J	220	
Pyrene	86 / 127.1	NS	
SVO TICs	48.5	NS	

05-MET-002			
Sample Depth (ft)	4.5-5	RESULT	MSC 2-15'
(mg/kg)			
VOs			
Acrolein	ND/0.028	0.012	
Benzene	0.391	NS	
BtNs			
Benzo(a)anthracene	ND/2.6	0.15	
Benzo(a)pyrene	0.15 J	32	
Benzo(b)fluoranthene	0.22 J	4.6	
Benzo(g,h,i)perylene	0.24 J	18	
Benzo(k)fluoranthene	0.24 J	18	
bis(2-Chloroethyl) ether	ND/0.14	0.055	
bis(2-Ethylhexyl) phthalate	ND/0.14	0.055	
Chrysene	0.18 J	23	
Fluoranthene	0.24 J	320	
Fluorene	ND/0.14	0.1	
Hexachlorobenzene	ND/0.14	0.12	
Hexachlorobutadiene	ND/0.14	0.12	
Hexachlorocyclopentadiene	ND/0.14	0.12	
Hexachlorophenol	ND/0.14	0.12	
1-Methylnaphthalene	ND/0.14	0.12	
N-Nitrosodimethylamine	ND/0.14	0.12	
4-Nitrophenol	ND/0.14	0.12	
N-Nitrosodipropylamine	ND/0.14	0.12	
Pentachlorophenol	ND/0.14	0.12	
Phenanthrene	ND/0.14	0.12	
Pyrene	ND/0.14	0.12	
SVO TICs	65.27	NS	

05-MET-003			
Sample Depth (ft)	5.5-6	RESULT	MSC 2-15'
(mg/kg)			
VOs			
Acrolein	ND/0.024	0.012	
Benzene	0.006	NS	
BtNs			
Benzo(a)anthracene	ND/0.83	0.15	
Benzo(a)pyrene	ND/0.083	0.0013	
Benzo(b)fluoranthene	ND/0.042	0.037	
Benzo(g,h,i)perylene	14.4	NS	
Benzo(k)fluoranthene	14.4	NS	
bis(2-Chloroethyl) ether	ND/0.14	0.055	
bis(2-Ethylhexyl) phthalate	ND/0.14	0.055	
Chrysene	0.18 J	23	
Fluoranthene	0.24 J	320	
Fluorene	ND/0.14	0.1	
Hexachlorobenzene	ND/0.14	0.12	
Hexachlorobutadiene	ND/0.14	0.12	
Hexachlorocyclopentadiene	ND/0.14	0.12	
Hexachlorophenol	ND/0.14	0.12	
1-Methylnaphthalene	ND/0.14	0.12	
N-Nitrosodimethylamine	ND/0.14	0.12	
4-Nitrophenol	ND/0.14	0.12	
N-Nitrosodipropylamine	ND/0.14	0.12	
Pentachlorophenol	ND/0.14	0.12	
Phenanthrene	ND/0.14	0.12	
Pyrene	ND/0.14	0.12	
SVO TICs	65.27	NS	

05-MET-004			
Sample Depth (ft)	2.2-5	RESULT	MSC 2-15'
(mg/kg)			
VOs			
Acrolein	ND/0.024	0.012	
Benzene	0.006	NS	
BtNs			
Benzo(a)anthracene	ND/0.83	0.15	
Benzo(a)pyrene	ND/0.083	0.0013	
Benzo(b)fluoranthene	ND/0.042	0.037	
Benzo(g,h,i)perylene	14.4	NS	
Benzo(k)fluoranthene	14.4	NS	
bis(2-Chloroethyl) ether	ND/0.14	0.055	
bis(2-Ethylhexyl) phthalate	ND/0.14	0.055	
Chrysene	0.18 J	23	
Fluoranthene	0.24 J	320	
Fluorene	ND/0.14	0.1	
Hexachlorobenzene	ND/0.14	0.12	
Hexachlorobutadiene	ND/0.14	0.12	
Hexachlorocyclopentadiene	ND/0.14	0.12	
Hexachlorophenol	ND/0.14	0.12	
1-Methylnaphthalene	ND/0.14	0.12	
N-Nitrosodimethylamine	ND/0.14	0.12	
4-Nitrophenol	ND/0.14	0.12	
N-Nitrosodipropylamine	ND/0.14	0.12	
Pentachlorophenol	ND/0.14	0.12	
Phenanthrene	ND/0.14	0.12	
Pyrene	ND/0.14	0.12	
SVO TICs	21.32	NS	

05-MET-011			
Sample Depth (ft)	2.2-5	RESULT	MSC 2-1
(mg/kg)			
VOs			
Acrolein	ND/0.027	0.012	
VO TICS	0.003	NS	
BtNs			
Benzo(a)anthracene	ND/0.8	0.15	
Benzo(a)fluoranthene	1.4 J	32	
Benzo(a)pyrene	1.5 J	4	
Benzo(b)fluoranthene	1.5 J	17	
Benzo(k)fluoranthene	1.2 J	18	
Benzo(k)fluoranthene	0.55 J	61	
Benzo(k)fluoranthene	0.068	0.68	
Chrysene	1.6 J	23	
Dibenz(a,h)anthracene	0.52 J	16	
2,3-Dibenzofluorene	ND/0.8	4.1	
1,2-Diphenylhydrazine	ND/0.81	0.33	
Fluoranthene	2.2	320	
Hexachlorobenzene	0.1	0.1	
Hexachlorobutadiene	ND/0.81	0.12	
Hexachlorocyclopentadiene	ND/0.81	0.1	
Hexachlorocyclopentadiene	0.8	2800	
N-Nitrosodimethylamine	ND/0.81	0.0013	

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LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH
- SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION--AUGUST 2005
- SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION WITH PADEP MSC EXCEEDANCE
- ANALYTICAL RESULT DOES NOT EXCEED MSC
- DETECTION LIMIT EXCEEDS MSC
- ANALYTICAL RESULT EXCEEDS MSC
- ANALYTICAL RESULT/DETECTION LIMIT
- NOT DETECTED
- NOT ANALYZED
- THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THE FOLLOWING COMPOUND
- VALUE IS AN ESTIMATED QUANTITY
- SAMPLE/DUPLICATE SAMPLE
- ANALYTICAL RESULT/DUPLICATE RESULT

NOTE:

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNsylvania PROFESSIONAL GEOLOGIST--0125--G.

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.
- ALL CONCENTRATIONS ARE IN Mg/Kg.

05-MET-133			
Sample Depth (ft)	8.5	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
PCB-1232 (Arochlor 1232)	ND/0.752	0.52	
Gamma BHC - Lindane	ND/0.026	0.02	
p,p-DDD	52.2	3	
p,p-DDE	0.830	17	
p,p-DDT	32.5	33	
Heptachlor Epoxide	0.0549 J	0.044	
Dieldrin	ND/1.72	0.3	
METALS			
Toxaphene	12.4	15	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.888	32	
Arsenic	1.16	3.8	
Beryllium	117	NS	
Cadmium	155	3600	
Chromium	405	45	
Copper	0.664	1	
Lead	55.9	65	
Mercury	2.09 J	5	
Nickel	4.26	10	
Selenium	6.10	1.4	
Silver	950	1200	
Thallium			
Zinc			

05-MET-134			
Sample Depth (ft)	7.75	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	1.6 J	NS	
PESTICIDES/PCBs			
Moisture Content	16.2	NS	
p,p-DDD	0.0529	3	
p,p-DDE	0.190	17	
p,p-DDT	0.118	33	
Heptachlor Epoxide	0.00943 J	0.11	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	7.91	15	
Beryllium	0.955	32	
Cadmium	1.34	3.8	
Chromium	30.6	NS	
Copper	101	3600	
Lead	512	45	
Mercury	0.274	1	
Nickel	21.5	65	
Selenium	1.16 J	5	
Silver	2.89	1.4	
Thallium	528	1200	
Zinc			

05-MET-135			
Sample Depth (ft)	8.59	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	3.89	15	
Beryllium	0.602 J	32	
Chromium	23.9	NS	
Cadmium	11.3	3600	
Copper	7.26	45	
Lead	13.2	65	
Nickel	2.10 J	1.4	
Thallium	38.2	1200	
Zinc			

05-MET-132			
Sample Depth (ft)	11.115	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
p,p-DDT	0.00198 J	33	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	2.09 J	15	
Beryllium	0.626	32	
Chromium	0.527 J	3.8	
Copper	22.5	NS	
Lead	11.7	3600	
Mercury	8.74	45	
Nickel	16.2	65	
Silver	2.08 J	1.4	
Thallium	41.5	1200	
Zinc			

05-MET-005			
Sample Depth (ft)	4.56	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
PCB-1254 (Arochlor 1254)	NA		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	4.34	15	
Beryllium	0.795	32	
Chromium	0.391 J	3.8	
Cadmium	41.7	NS	
Copper	12.8	3600	
Lead	13.3	45	
Mercury	0.0075 J	1	
Nickel	23.5	65	
Thallium	1.67 J	1.4	
Zinc	48.9	1200	

05-MET-006			
Sample Depth (ft)	2.53	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	4.62	15	
Beryllium	0.535 J	32	
Chromium	0.618	3.8	
Cadmium	25.6	NS	
Copper	10.4	3600	
Lead	55.5	45	
Mercury	0.0661 J	1	
Nickel	9.95	65	
Thallium	1.62 J	1.4	
Zinc	36.1	1200	

05-MET-004			
Sample Depth (ft)	2.25	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
p,p-DDD	0.00733 J	3	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	5.53	15	
Beryllium	0.522 J	32	
Chromium	0.613	3.8	
Cadmium	21.2	NS	
Copper	15.6	3600	
Lead	58.6	45	
Mercury	0.101 J	1	
Nickel	11.2	65	
Thallium	1.86 J	1.4	
Zinc	78.6	1200	

05-MET-012S			
Sample Depth (ft)	1-1.5	Result	MSC 0-2'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
Beta BHC	0.00278 J	0.82	ND 0.14
p,p-DDE	0.0125 J	170	0.00736 J 17
p,p-DDT	0.0118	230	0.01179 J 33
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		NA
METALS			
Arsenic	7.80	53	4.14 15
Beryllium	0.925	320	0.829 32
Cadmium	0.502 J	38	0.255 J 3.8
Chromium	22.4	NS	37.1 NS
Copper	51.6	36000	15.2 3600
Lead	53.9	450	26.3 45
Mercury	ND	10	0.0517 J 1
Nickel	17.2	650	22.4 65
Thallium	2.81	14	1.77 J 1.4
Zinc	77.9	12000	45.4 1200

05-MET-011			
Sample Depth (ft)	2.25	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
p,p-DDD	0.0256 J	3	
p,p-DDE	0.0209 J	17	
p,p-DDT	0.0171 J	33	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	26.3	15	
Beryllium	0.743	32	
Cadmium	0.831	3.8	
Chromium	22.8	NS	
Copper	17.1	65	
Lead	152	45	
Mercury	0.245	1	
Nickel	17.1	65	
Selenium	1.36 J	5	
Thallium	1.40 J	1.4	
Zinc	167	1200	

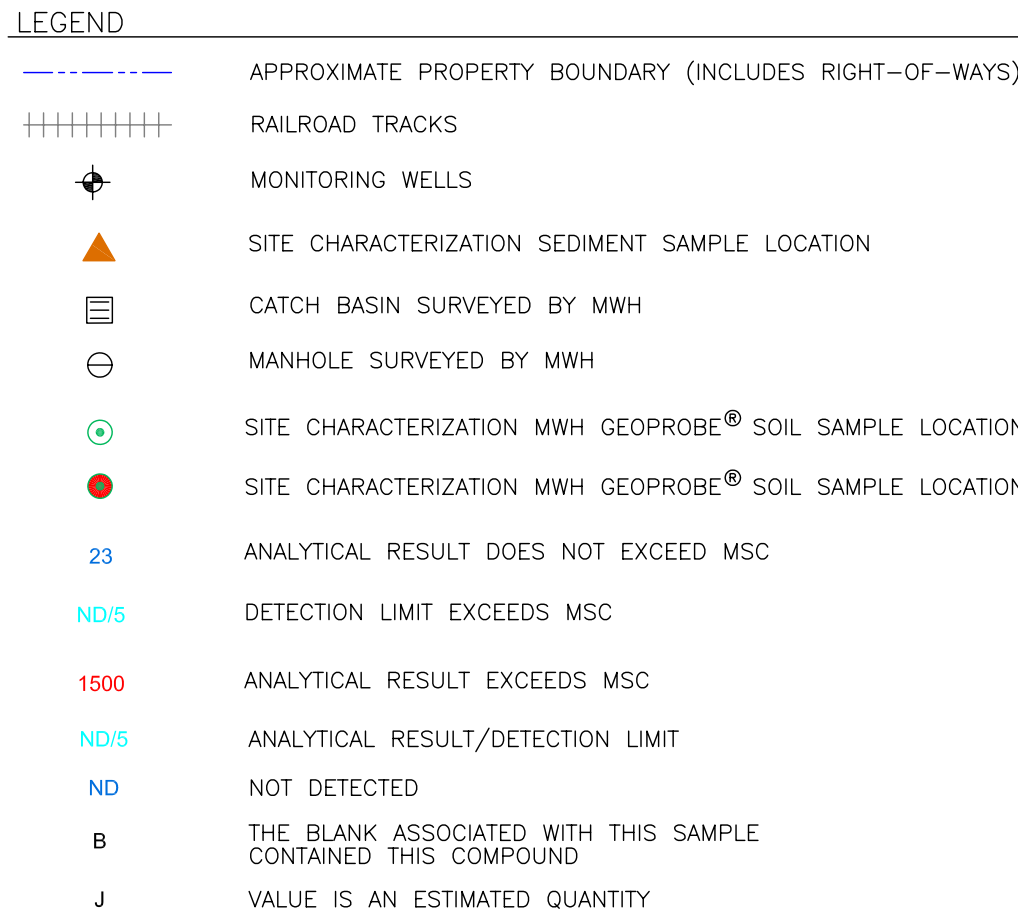
05-MET-003			
Sample Depth (ft)	5.56	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
PCB-1254 (Arochlor 1254)	0.00464 J	28	
Beta BHC	0.000276 J	0.14	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	6.20	15	
Beryllium	0.758	32	
Cadmium	0.365 J	3.8	
Chromium	33.0	NS	
Copper	12.9	3600	
Lead	10.5	45	
Mercury	0.0077 J	1	
Nickel	13.0	65	
Thallium	1.91 J	1.4	
Zinc	44.1	1200	

05-MET-002			
Sample Depth (ft)	4.55	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND		
PESTICIDES/PCBs			
PCB-1248 (Arochlor 1248)	1.04 J	6.7	
PCB-1254 (Arochlor 1254)	1.61	28	
Chlordane	ND/0.116	0.044	
Dieldrin	ND/0.766	0.3	
Toxaphene	4.51	15	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.575 J	32	
Arsenic	0.259 J	3.8	
Beryllium	58.3	NS	
Chromium	19.6	3600	
Copper	31.0	45	
Lead	1.23	1	
Mercury	44.2	65	
Nickel	2.54 J	1.4	
Thallium	109	1200	
Zinc			

05-MET-001			
Sample Depth (ft)	5.56	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	0.23 J	20	
PESTICIDES/PCBs			
Aldrin	ND/0.223	0.044	
PCB-1248 (Arochlor 1248)	ND/0.31	0.52	
PCB-1232 (Arochlor 1232)	ND/6.29	0.52	
PCB-1254 (Arochlor 1254)	31.0	28	
Chlordane	ND/0.116	0.044	
Dieldrin	ND/0.766	0.3	
Toxaphene	4.51	15	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.575 J	32	
Arsenic	0.259 J	3.8	
Beryllium	58.3	NS	
Chromium	19.6	3600	
Copper	31.0	45	
Lead	1.23	1	
Mercury	44.2	65	
Nickel	2.54 J	1.4	
Thallium	109	1200	
Zinc			

05-MET-076/A			
Sample Depth (ft)	4.55	RESULT	MSC 2-15'
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	0.33 J/11.5	20	
PESTICIDES/PCBs			
Aldrin	ND/0.496	ND	0.044
PCB-1016 (Arochlor 1016)	ND/21.6	ND	20
PCB-1221 (Arochlor 1221)	ND/9.62	ND	0.52
PCB-1232 (Arochlor 1232)	ND/14	ND	0.52
PCB-1242 (Arochlor 1242)	ND/9.75	ND	6.2
PCB-1248 (Arochlor 1248)	744	ND	6.7
PCB-1254 (Arochlor 1254)	ND	0.00681 J	28
Alpha BHC	ND/0.496	ND	0.041
Beta BHC	ND/0.496	ND	0.14
Gamma BHC - Lindane	ND/0.496	ND	0.02
Chlordane	ND/0.496	ND	0.044
Dieldrin	ND/0.362	ND	0.55
Heptachlor	ND/0.362	ND	0.068
Heptachlor Epoxide	ND/0.496	ND	0.11
Toxaphene	ND/32.1	ND	0.3
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA	NA	
METALS			
Arsenic	9.34	ND	2.7
Beryllium	9.38	2.65	15
Cadmium	6.05	0.913	32
Chromium	28.5	0.198 J	3.8
Copper	434	33.9	NS
Lead	24700	12.1	3600
Mercury	4730	8.95	45
Nickel	11.8	0.612 J	65
Silver	251	15.5	65
Thallium	4.47	ND	10
Zinc	4.59	2.01 J	1.4
	8150	35.1	1200

05-MET-075 05-MET-075V			
Sample Depth (ft)	3.75-4.25	12.5-13	
(mg/kg)			
GENERAL CHEMISTRY			
Total Phenolics	ND	ND	MSC 2-15'
PESTICIDES/PCBs			
Aldrin	ND/0.496	ND	0.044
PCB-1016 (Arochlor 1016)	ND/21.6	ND	20
PCB-1221 (Arochlor 1221)	ND/9.62	ND	0.52
PCB-1232 (Arochlor 1232)	ND/14	ND	0.52
PCB-1242 (Arochlor 1242)	ND/9.75	ND	6.2
PCB-1248 (Arochlor 1248)	744	ND	6.7
PCB-1254 (Arochlor 1254)	ND	0.00681 J	28
Alpha BHC	ND/0.496	ND	0.041
Beta BHC	ND/0.496	ND	0.14
Gamma BHC - Lindane	ND/0.496	ND	0.02
Chlordane	ND/0.496	ND	0.044
Dieldrin	ND/0.362	ND	0.55
Heptachlor	ND/0.362	ND	0.55
Endrin	ND/0.496	ND	0.044
Endosulfate Epoxide	ND/0.496	ND	0.111
Toxaphene	ND/2.21	ND	0.3
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA	NA	
METALS			
Antimony	9.34	ND	2.7
Barium	9.38	2.45	15
Beryllium	ND	0.913	32
Cadmium	28.5	0.198 J 3.8	NS
Copper	434	33.0	NS
Cobalt	24709	121	3600
Lead	470	3.95	45
Mercury	11.6	0.0162 J	1
Nickel	251	15.5	65
Silver	4.47	ND	1
Zinc	45.59	2.01 J	1.4
	18.9	35.1	1200



NOTE:

1. MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.

2. ALL CONCENTRATIONS ARE IN Mg/Kg.

05-MET-019			
Sample Depth (ft)	5-5.5	RESULT	MSC 2-15'
VOCs	ND/1.3	0.012	
Acrolein	ND/0.064	0.005	
Ethylene Dibromide (EDB)	ND/0.064	0.003	
Ethylbenzene	ND/0.064	0.003	
VO TICS	ND/0.43	0.1	
BNS	ND/23	0.15	
Acenaphthene	ND/0.43	0.1	
Benzo(a)anthracene	ND/0.43	0.1	
Benzo(a)pyrene	ND/0.43	0.1	
Benzo(b)fluoranthene	ND/0.43	0.1	
Benzo(k)fluoranthene	ND/0.43	0.1	
Chrysene	ND/0.43	0.1	
Dibenz(a,h)anthracene	ND/0.43	0.1	
Indeno(1,2,3-c,d)pyrene	ND/0.43	0.1	
N-Nitrosodimethylamine	ND/0.43	0.003	
n-Nitrosod-n-propylamine	ND/0.43	0.003	
Pentachlorophenol	ND/0.43	0.003	
Pyrene	ND/0.43	0.003	
SVO TICS	ND/0.43	0.003	

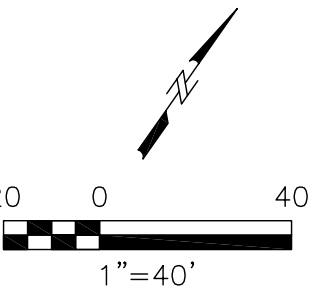
05-MET-020			
Sample Depth (ft)	2-5.5	RESULT	MSC 2-15'
VOCs	ND/0.83	0.012	
Acrolein	ND/0.83	0.012	
Benzo(a)anthracene	ND/0.83	0.012	
Benzo(a)pyrene	ND/0.83	0.012	
Benzo(b)fluoranthene	ND/0.83	0.012	
Benzo(k)fluoranthene	ND/0.83	0.012	
Chrysene	ND/0.83	0.012	
Dibenz(a,h)anthracene	ND/0.83	0.012	
Indeno(1,2,3-c,d)pyrene	ND/0.83	0.012	
N-Nitrosodimethylamine	ND/0.83	0.003	
n-Nitrosod-n-propylamine	ND/0.83	0.003	
Pentachlorophenol	ND/0.83	0.003	
Pyrene	ND/0.83	0.003	
SVO TICS	ND/0.83	0.003	

05-MET-021			
Sample Depth (ft)	1-5.2	RESULT	MSC 2-15'
VOCs	ND/0.028	0.012	
Acrolein	ND/0.028	0.012	
Ethylene Dibromide (EDB)	ND/0.028	0.005	
Ethylbenzene	ND/0.028	0.005	
VO TICS	ND/0.028	0.005	
BNS	ND/0.028	0.005	
Acenaphthene	ND/0.028	0.005	
Benzo(a)anthracene	ND/0.028	0.005	
Benzo(a)pyrene	ND/0.028	0.005	
Benzo(b)fluoranthene	ND/0.028	0.005	
Benzo(k)fluoranthene	ND/0.028	0.005	
Chrysene	ND/0.028	0.005	
Dibenz(a,h)anthracene	ND/0.028	0.005	
Indeno(1,2,3-c,d)pyrene	ND/0.028	0.005	
N-Nitrosodimethylamine	ND/0.028	0.003	
n-Nitrosod-n-propylamine	ND/0.028	0.003	
Pentachlorophenol	ND/0.028	0.003	
Pyrene	ND/0.028	0.003	
SVO TICS	ND/0.028	0.003	

05-MET-022			
Sample Depth (ft)	1-5.2	RESULT	MSC 2-15'
VOCs	ND/0.028	0.012	
Acrolein	ND/0.028	0.012	
Ethylene Dibromide (EDB)	ND/0.028	0.005	
Ethylbenzene	ND/0.028	0.005	
VO TICS	ND/0.028	0.005	
BNS	ND/0.028	0.005	
Acenaphthene	ND/0.028	0.005	
Benzo(a)anthracene	ND/0.028	0.005	
Benzo(a)pyrene	ND/0.028	0.005	
Benzo(b)fluoranthene	ND/0.028	0.005	
Benzo(k)fluoranthene	ND/0.028	0.005	
Chrysene	ND/0.028	0.005	
Dibenz(a,h)anthracene	ND/0.028	0.005	
Indeno(1,2,3-c,d)pyrene	ND/0.028	0.005	
N-Nitrosodimethylamine	ND/0.028	0.003	
n-Nitrosod-n-propylamine	ND/0.028	0.003	
Pentachlorophenol	ND/0.028	0.003	
Pyrene	ND/0.028	0.003	
SVO TICS	ND/0.028	0.003	

05-MET-023			
Sample Depth (ft)	5-5.5	RESULT	MSC 2-15'
VOCs	ND/0.028	0.012	
Acrolein	ND/0.028	0.012	
Ethylene Dibromide (EDB)	ND/0.028	0.005	
Ethylbenzene	ND/0.028	0.005	
VO TICS	ND/0.028	0.005	
BNS	ND/0.028	0.005	
Acenaphthene	ND/0.028	0.005	
Benzo(a)anthracene	ND/0.028	0.005	
Benzo(a)pyrene	ND/0.028	0.005	
Benzo(b)fluoranthene	ND/0.028	0.005	
Benzo(k)fluoranthene	ND/0.028	0.005	
Chrysene	ND/0.028	0.005	
Dibenz(a,h)anthracene	ND/0.028	0.005	
Indeno(1,2,3-c,d)pyrene	ND/0.028	0.005	
N-Nitrosodimethylamine	ND/0.028	0.003	
n-Nitrosod-n-propylamine	ND/0.028	0.003	
Pentachlorophenol	ND/0.028	0.003	
Pyrene	ND/0.028	0.003	
SVO TICS	ND/0.028	0.003	

05-MET-024			
Sample Depth (ft)	5-5.5	RESULT	MSC 2-15'
VOCs	ND/0.028	0.012	
Acrolein	ND/0.028	0.012	
Ethylene Dibromide (EDB)	ND/0.028	0.005	
Ethylbenzene	ND/0.028	0.005	
VO TICS	ND/0.028	0.005	
BNS	ND/0.028	0.005	
Acenaphthene	ND/0.028	0.005	
Benzo(a)anthracene	ND/0.028	0.005	
Benzo(a)pyrene	ND/0.028	0.005	
Benzo(b)fluoranthene	ND/0.028	0.005	
Benzo(k)fluoranthene	ND/0.028	0.005	
Chrysene	ND/0.028	0.005	
Dibenz(a,h)anthracene	ND/0.028	0.005	
Indeno(1,2,3-c,d)pyrene	ND/0.028	0.005	
N-Nitrosodimethylamine	ND/0.028	0.003	
n-Nitrosod-n-propylamine	ND/0.028	0.003	
Pentachlorophenol	ND/0.028	0.003	
Pyrene	ND/0.028	0.003	
SVO TICS	ND/0.028	0.003	



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

ORGANIC ANALYTICAL RESULT MAP - SOILS
CENTER AREA



FIGURE 4-9

S:\IND - PROJECTS\Consulting\Trainer Industries\Former Metro Container Investigation\Figure 5a Map METRO-5-106.dwg

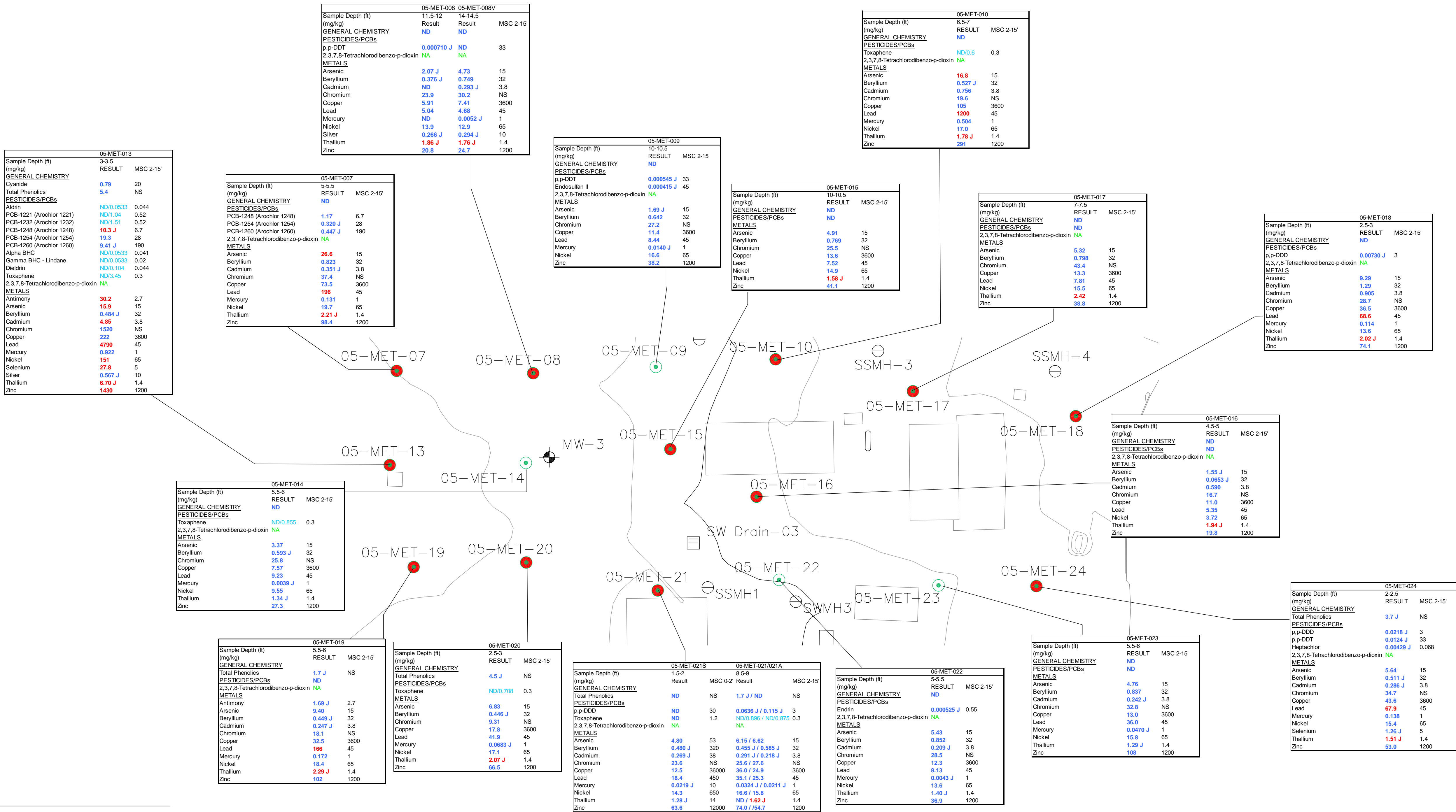
LEGEND	
	APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
	RAILROAD TRACKS
	MONITORING WELLS
	SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
	CATCH BASIN SURVEYED BY MWH
	MANHOLE SURVEYED BY MWH
	SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION-AUGUST 2005
	SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION WITH PADEP MSC EXCEEDANCE
23	ANALYTICAL RESULT DOES NOT EXCEED MSC
ND/5	DETECTION LIMIT EXCEEDS MSC
1500	ANALYTICAL RESULT EXCEEDS MSC
ND/5	ANALYTICAL RESULT/DETECTION LIMIT
ND	NOT DETECTED
NA	NOT ANALYZED
B	THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
J	VALUE IS AN ESTIMATED QUANTITY
05-MET-065/065A	SAMPLE/DUPLICATE SAMPLE
4.3 / 5.5	ANALYTICAL RESULT/DUPLICATE RESULT

NOTE:

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNsylvania PROFESSIONAL GEOLOGIST-0125-C.

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.
- ALL CONCENTRATIONS ARE IN Mg/Kg.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

INORGANIC ANALYTICAL RESULTS - SOILS
CENTER AREA



FIGURE 4-10

AR100205

AR100206

S:\IND PROJECTS\ConocoPhillips\Trainer\Forms\Metro Container Investigation\Figure\Soil Maps\METRO-S-24.dwg

LEGEND	
	APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
	RAILROAD TRACKS
	MONITORING WELLS
	SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
	CATCH BASIN SURVEYED BY MWH
	MANHOLE SURVEYED BY MWH
	SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION-AUGUST 2005
	SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION WITH PADEP MSC EXCEEDANCE
23	ANALYTICAL RESULT DOES NOT EXCEED MSC
ND/5	DETECTION LIMIT EXCEEDS MSC
1500	ANALYTICAL RESULT EXCEEDS MSC
ND/5	ANALYTICAL RESULT/DETECTION LIMIT
ND	NOT DETECTED
B	THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
J	VALUE IS AN ESTIMATED QUANTITY
05-MET-065/065A	SAMPLE/DUPLICATE SAMPLE
4.3 / 5.5	ANALYTICAL RESULT/DUPLICATE RESULT

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.
- ALL CONCENTRATIONS ARE IN Mg/Kg.

05-MET-060S		05-MET-060		05-MET-060B		05-MET-060V	
Sample Depth (ft)	15-2	15-2	15-2	15-2	15-2	15-2	15-2
(mg/kg)	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT
VOCs							
Acrolein	ND/1	0.012	ND/0.26	ND/0.77	ND/0.023	0.012	
Benzene	ND	0.5	0.16 J	0.32	0.089	0.5	
Ethylene Dibromide (EDB)	ND/0.055	0.005	ND/0.048	ND/0.039	ND	0.005	
Ethylbenzene	ND	70	1.5	0.99	0.007	70	
1,1,2,2-Tetrachloroethane	ND/0.055	0.05	0.17 J	ND/0.039	ND	0.05	
Toluene	ND	100	0.24	0.85	0.052	100	
Xylenes (total)	0.15 J	1000	4.4	4.4	0.032	1000	
VOC TICs	83	NS	163.3	81.8	0.067	NS	
BNS							
Acenaphthene	1.5 J	4700	1.3 J	1.1 J	ND	470	
Anthracene	2.6	350	2.8	2.7	ND	35	
Benzo(a)anthracene	ND/8.1	0.34	ND/8.3	ND/8.3	ND/0.84	0.15	
Benzo(a)pyrene	5.3	110	4.9	4.3	32		
Benzo(b)fluoranthene	2.5	11	2.3	1.9 J	ND	4.6	
Benzo(g,h,i)perylene	1.9 J	110	1.2 J	0.82 J	ND	17	
Benzo(k)fluoranthene	1.1 J	190	0.89 J	0.61 J	ND	17	
Chrysene	0.56 J	610	ND	ND	ND	61	
bis(2-Chloroethyl) ether	ND/0.41	0.055	ND/0.42	ND/0.41	ND	0.055	
Chrysene	6.5	230	7.1	5.4	ND	23	
Dibenz(a,h)anthracene	0.63 J	11	0.58 J	0.43 J	ND	16	
2,4-Dinitrophenol	ND/8.1	4.1	ND/8.3	ND/8.3	ND	4.1	
1,2-Diphenylhydrazine	ND	0.58	ND/0.42	ND/0.41	ND	0.33	
Fluoranthene	3.5	3200	1.3 J	1.9 J	ND	320	
Fluorene	1.5 J	3800	0.77 J	0.81 J	ND	380	
Hexachlorobenzene	ND	0.96	ND/0.42	ND/0.41	ND	0.1	
Hexachlorobutadiene	ND	1.2	ND/0.83	ND/0.83	ND	0.12	
Hexachloroethane	ND	0.56	ND/0.42	ND/0.41	ND	0.1	
Indeno(1,2,3-c,d)pyrene	0.75 J	110	ND	ND	2800		
1-Methylnaphthalene	0.51 J	NS	4.2	4.2	NS		
Naphthalene	ND	25	2.5	3.7	ND	10	
N-Nitrosodimethylamine	ND/0.81	0.0013	ND/0.83	ND/0.83	ND/0.084	0.0013	
n-Nitrosod-n-propylamine	ND/0.41	0.037	ND/0.42	ND/0.41	ND/0.042	0.037	
Perchlorophenol	ND	5	ND/2.1	ND/2.1	ND	0.5	
Phenanthrene	3.4	1000	5.2	5.3	ND	1000	
Pyrene	8.1	2200	8.1	6.4	ND	220	
SVO TICs	228.4	NS	363	363	20.94	NS	

05-MET-065/065A		05-MET-065B		05-MET-065V	
Sample Depth (ft)	11-75/12-25	21-25/21-75	29-28/5		
(mg/kg)	RESULT	RESULT	RESULT	RESULT	RESULT
VOCs					
Acrolein	ND/0.72	ND/0.93	ND/1	ND/0.81	0.012
Benzene	0.20 / 0.17	0.53	0.49	0.5	0.15
Ethylene Dibromide (EDB)	ND/0.036	ND/0.046	ND/0.05	ND/0.041	0.005
Ethylbenzene	1.8 / 1.5	3.9	1.4	70	
1,1,2,2-Tetrachloroethane	ND/0.036	ND/0.046	ND/0.05	ND/0.041	0.005
Toluene	1.2 / 0.95	4.3	3.4	100	
Xylenes (total)	6.5 / 5.4	19	7.3	1000	
Naphthalene	3.3 / 3.3	6.5	0.68	10	
VOC TICs	76.2 / 83.9	291	72	NS	
BNS					
Acenaphthene	1.4 J / 1.5	2.1 J	0.42 J	470	
Anthracene	2.8 / 3.0	4.7	0.85	35	
Benzo(a)anthracene	ND/8.2	ND/2.5	ND/2.3	0.15	
Benzo(a)pyrene	4.3 / 5.5	6.9	1.3	32	
Benzo(b)fluoranthene	1.4 J / 1.6	2.7	0.53 J	4.6	
Benzo(g,h,i)perylene	0.75 J / 0.74	1.3 J	0.53 J	17	
Benzo(k)fluoranthene	0.42 J / 0.54 J	0.95 J	0.18 J	18	
Chrysene	ND	613 J	ND	61	
bis(2-Chloroethyl) ether	ND/0.41	ND/0.12	ND/0.41	0.055	
Chrysene	6.2 / 6.5	9.9	1.9	23	
Dibenz(a,h)anthracene	0.44 J / 0.51 J	0.69 J	ND	16	
2,4-Dinitrophenol	ND/8.2	ND	ND/8.3	ND	4.1
1,2-Diphenylhydrazine	ND/0.41	ND	ND/0.41	ND	0.33
Fluoranthene	1.2 J / 0.92	17.4	0.31 J	320	
Fluorene	0.88 J / 1.0	1.5 J	0.27 J	380	
Hexachlorobenzene	ND/0.41	ND/0.12	ND/0.41	ND	0.1
Hexachlorobutadiene	ND/0.82	ND/0.25	ND/0.83	ND/0.23	0.12
Hexachloroethane	ND/0.41	ND/0.12	ND/0.41	ND	0.1
Indeno(1,2,3-c,d)pyrene	ND	0.30 J	ND	2800	
1-Methylnaphthalene	4.0 / 4.4	7.8	1.1	NS	
Naphthalene	3.3 / 3.3	6.5	0.68	10	
N-Nitrosodimethylamine	ND/0.82	ND/0.83	ND/0.83	ND/0.013	0.0013
n-Nitrosod-n-propylamine	ND/0.41	ND/0.12	ND/0.41	ND/0.12	0.037
Perchlorophenol	ND/2	ND/0.62	ND/2	ND/0.58	0.5
Phenanthrene	6.4 / 6.8	9.5	1.8	1000	
Pyrene	6.5 / 6.1	11	2.0	220	
SVO TICs	888.8 / 874	1170	257.9	NS	

05-MET-066	
Sample Depth (ft)	13.5-14
(mg/kg)	RESULT
VOCs	
Acrolein	ND/0.84
Ethylene Dibromide (EDB)	ND/0.042
Ethylbenzene	0.068 J
1,1,2,2-Tetrachloroethane	ND/0.042
Xylenes (total)	1.4
VOC TICs	78.8
BNS	
Acenaphthene	0.82 J
Anthracene	2.6
Benzo(a)anthracene	ND/7.8
Benzo(a)pyrene	8.8
Benzo(b)fluoranthene	2.9
Benzo(g,h,i)perylene	1.3 J
bis(2-Chloroethyl) ether	ND/0.39
Chrysene	11
Dibenz(a,h)anthracene	1.1 J
2,4-Dinitrophenol	ND/7.8
1,2-Diphenylhydrazine	ND/0.39
Fluoranthene	1.6 J
Fluorene	0.70 J
Hexachlorobenzene	ND/0.39
Hexachlorobutadiene	ND/0.78
Hexachloroethane	ND/0.39
Indeno(1,2,3-c,d)pyrene	0.75 J
1-Methylnaphthalene	1.3 J
N-Nitrosodimethylamine	ND/0.78
n-Nitrosod-n-propylamine	ND/0.39
Perchlorophenol	ND/1.9
Phenanthrene	4.8
Pyrene	9.9
SVO TICs	315.3

05-MET-034		05-MET-034V	
Sample Depth (ft)	12.75-13.25	22.5-23	
(mg/kg)	RESULT	RESULT	RESULT
VOCs			
Acrolein	ND/0.9	ND/0.025	0.012
Benzene	0.18 J	0.0009 J	0.5
Ethylene Dibromide (EDB)	ND/0.045	ND	0.005
Ethylbenzene	1.3	0.001 J	70
1,1,2,2-Tetrachloroethane	ND/0.045	ND	0.03
Toluene	0.12 J	ND	100
Xylenes (total)	3.3	0.002 J	1000
VOC TICs	48.3	0.019	NS
BNS			
Acenaphthene	1.5 J	ND	470
Anthracene	6.3	ND	35
Benzo(a)anthracene	ND/7.8	ND/0.88	0.15
Benzo(a)pyrene	34	ND	32
Benzo(b)fluoranthene	18	ND	4.6
Benzo(g,h,i)perylene	9.4	ND	17
Benzo(k)fluoranthene	9.7	ND	18
Chrysene	42	ND	23
Dibenz(a,h)anthracene	7.4	ND	16
2,4-Dinitrophenol	ND/7.8	ND	4.1
1,2-Diphenylhydrazine	ND/0.39	ND	0.33
Fluoranthene	5.2	ND	320
Fluorene	1.4 J	ND	380
Hexachlorobenzene	ND/0.39	ND	0.1
Hexachlorobutadiene	ND/0.78	ND	0.12
Hexachloroethane	ND/0.39	ND	0.1
Indeno(1,2,3-c,d)pyrene	4.4	ND	2800
1-Methylnaphthalene	4.5	ND	NS
Naphthalene	3.5	ND	10
N-Nitrosodimethylamine	ND/0.78	ND/0.088	0.0013
n-Nitrosod-n-propylamine	ND/0.39	ND/0.044	0.037
Perchlorophenol	ND/2	ND	0.5
Phenanthrene	15	ND	1000
Pyrene	29	ND	220
SVO TICs	2586	69.29	NS

05-MET-027	
Sample Depth (ft)	15-15.5
(mg/kg)	RESULT
VOCs	
Acrolein	ND/0.91
Ethylene Dibromide (EDB)	ND/0.046
Ethylbenzene	1.6
1,1,2,2-Tetrachloroethane	ND/0.046
Toluene	0.34
Xylenes (total)	6.5
VOC TICs	99
BNS	
Acenaphthene	1.9
Anthracene	4.0
Benzo(a)anthracene	ND/4.1
Benzo(a)pyrene	6.4
Benzo(b)fluoranthene	3.1
Benzo(g,h,i)perylene	1.4
Benzo(k)fluoranthene	0.99 J
Chrysene	ND/2.1
bis(2-Chloroethyl) ether	ND/0.21
Chrysene	7.5
Dibenz(a,h)anthracene	1.9 J
Fluoranthene	1.7
Fluorene	1.9
Hexachlorobenzene	ND/0.21
Hexachlorobutadiene	ND/0.41
Hexachloroethane	ND/0.21
Indeno(1,2,3-c,d)pyrene	0.45 J
1-Methylnaphthalene	5.7
Naphthalene	4.3
N-Nitrosodimethylamine	ND/0.41
n-Nitrosod-n-propylamine	ND/0.21
Perchlorophenol	ND/2.1
Phenanthrene	8.4
Pyrene	9.7
SVO TICs	369.3

05-MET-028	
Sample Depth (ft)	8-8.5
(mg/kg)	RESULT
VOCs	
Acrolein	ND/0.021
Ethylbenzene	0.002 J
Xylenes (total)	0.001 J
VOC TICs	4.49
BNS	
Acenaphthene	0.099 J
Anthracene	0.25
Benzo(a)anthracene	ND/0.8
Benzo(a)pyrene	2.5
Benzo(b)fluoranthene	0.23
Benzo(g,h,i)perylene	0.48
Benzo(k)fluoranthene	0.11 J
Chrysene	3.1
Dibenz(a,h)anthracene	0.39
Fluoranthene	1.3
Fluorene	0.25
Hexachlorobenzene	ND/0.08
n-Nitrosodimethylamine	ND/0.08
n-Nitrosod-n-propylamine	ND/0.04
N-Nitrosodphenylamine	0.037
Pyrene	1.0
SVO TICs	69.4

05-MET-029	
Sample Depth (ft)	2-5.3
(mg/kg)	RESULT
VOCs	
Acrolein	ND/0.025
Xylenes (total)	0.006
VOC TICs	0.012
BNS	
Benzo(a)anthracene	ND/0.82
Benzo(a)pyrene	0.15
Benzo(b)fluoranthene	ND/0.082
Benzo(g,h,i)perylene	0.021
N-Nitrosodimethylamine	ND/0.081
n-Nitrosod-n-propylamine	ND/0.041
SVO TICs	11.18

05-MET-030	
Sample Depth (ft)	6.75-7.25
(mg/kg)	RESULT
VOCs	
Acrolein	ND/0.022
VOC TICs	2.09
BNS	
Benzo(a)anthracene	ND/0.81
Benzo(a)pyrene	1.2
Benzo(b)fluoranthene	0.30
Benzo(g,h,i)perylene	0.27
Benzo(k)fluoranthene	0.085 J
Chrysene	0.091 J
bis(2-Ethylhexyl) phthalate	0.34 J
Chrysene	1.3
Dibenz(a,h)anthracene	0.22
Fluoranthene	0.20 J
Fluorene	0.076 J
Indeno(1,2,3-c,d)pyrene	0.49
N-Nitrosodimethylamine	ND/0.081
n-Nitrosod-n-propylamine	ND/0.041
SVO TICs	45.53

05-MET-036	
Sample Depth (ft)	15.5-16
(mg/kg)	RESULT
VOCs	
Acrolein	ND/0.02
VOC TICs	0.995
BNS	
Benzo(a)anthracene	ND/0.82
Benzo(a)pyrene	6.8
Benzo(b)fluoranthene	1.8
Benzo(g,h,i)perylene	1.4
Benzo(k)fluoranthene	0.64
Chrysene	2.4
Dibenz(a,h)anthracene	0.95
Fluoranthene	0.85
Fluorene	6.10 J
Indeno(1,2,3-c,d)pyrene	0.49
N-Nitrosodimethylamine	ND/0.082
n-Nitrosod-n-propylamine	ND/0.041
Pyrene	5.2
SVO TICs	183.2

05-MET-035	
Sample Depth (ft)	6-6.7
(mg/kg)	RESULT
MSC 2.5	
VOCs	
Acrolein	ND/1.2
Benzene	0.037 J 0.012
Ethylene Dibromide (EDB)	ND/0.059 0.005
Ethylbenzene	0.63 70
1,1,2,2-Tetrachloroethane	ND/0.059 0.005
Toluene	0.45 100
Xylenes (total)	3.1 1000
VOC TICs	17.86 NS
BNS	
Acenaphthene	6.3 J 35
Anthracene	ND/47 15
Benzo(a)anthracene	66 32
Benzo(a)pyrene	38 16
Benzo(b)fluoranthene	21 10
Benzo(g,h,i)perylene	20 10
bis(2-Chloroethyl) ether	ND/2.4 0.005
Chrysene	85 23
Dibenz(a,h)anthracene	15 15
2,4-Dichlorophenol	ND/2.4 2
3,3-Dichlorobenzidine	ND/7.1 3.2
2,4-Dinitrotoluene	ND/47 4.1
1,4-Dioxane	ND/7.1 0.84
1,2-Diphenylhydrazine	ND/2.4 0.33
Fluoranthene	9.8 J 320
Fluorene	ND/2.4 0.1
Hexachlorobenzene	ND/4.7 0.12
Hexachlorobutadiene	ND/12 9.1
Hexachlorocyclopentadiene	ND/12 9.1
Indeno(1,2,3-c,d)pyrene	11 J 2000
1-Methylnaphthalene	3.9 J NS
Naphthalene	3.5 J 10
N-Nitrosodimethylamine	ND/4.7 0.0013
n-Nitrosod-n-propylamine	ND/12 6
Perchlorophenol	ND/2.4 0.037
Picric Acid	0.5 0.5
Pyrene	45 200
Pyrene NS	NS 1000



NOTE:

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNsylvania PROFESSIONAL GEOLOGIST--0125--G.

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.
- ALL CONCENTRATIONS ARE IN Mg/Kg.

Sample Depth (ft)	05-MET-104S	05-MET-104
(mg/kg)	RESULT	RESULT
GENERAL CHEMISTRY	15-15.5	MSC 2-15
Total Phenolics	4.7	NS
PESTICIDES/PCBs	ND	NS
PCB-1221 (Anochlor 1221)	ND/0.0485	0.044
PCB-1222 (Anochlor 1222)	ND/0.041	0.52
PCB-1248 (Anochlor 1248)	ND/1.37	0.52
PCB-1254 (Anochlor 1254)	17.2	6.7
PCB-1260 (Anochlor 1260)	22.8	28
PCB-1280 (Anochlor 1280)	18.9	130
Alpha BHC	ND/0.0485	0.041
Gamma BHC - Lindane	ND/0.0485	0.02
Toxaphene	ND/0.042	0.044
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND/3.14	0.3
Metals	ND	NS
Antimony	1.98 J	2.7
Arsenic	18.2	15
Beryllium	0.224 J	32
Cadmium	14.4	3.8
Chromium	96.7	NS
Copper	154	3600
Lead	607	45
Mercury	1.98	1
Nickel	26.6	65
Selenium	1.18 J	5
Silver	0.195	10
Thallium	3.97	1.4
Zinc	633	1200

Sample Depth (ft)	05-MET-028S	05-MET-028
(mg/kg)	RESULT	RESULT
GENERAL CHEMISTRY	15-2	MSC 2-15
Total Phenolics	ND	NS
PESTICIDES/PCBs	ND	NS
PCB-1221 (Anochlor 1221)	ND/0.0672	0.044
PCB-1222 (Anochlor 1222)	ND/0.1	0.52
PCB-1248 (Anochlor 1248)	ND/0.0672	0.041
PCB-1254 (Anochlor 1254)	ND/0.072	0.02
PCB-1260 (Anochlor 1260)	ND/0.13	0.044
PCB-1280 (Anochlor 1280)	ND/0.35	0.3
Alpha BHC	ND/0.0672	0.044
Gamma BHC - Lindane	ND/0.0672	0.02
Toxaphene	ND/0.0672	0.044
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND/0.35	0.3
Metals	ND	NS
Antimony	1.98 J	2.7
Arsenic	18.2	15
Beryllium	0.224 J	32
Cadmium	14.4	3.8
Chromium	96.7	NS
Copper	154	3600
Lead	607	45
Mercury	1.98	1
Nickel	26.6	65
Selenium	1.18 J	5
Silver	0.195	10
Thallium	3.97	1.4
Zinc	633	1200

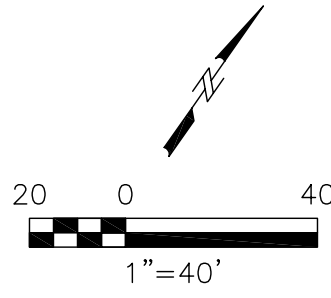
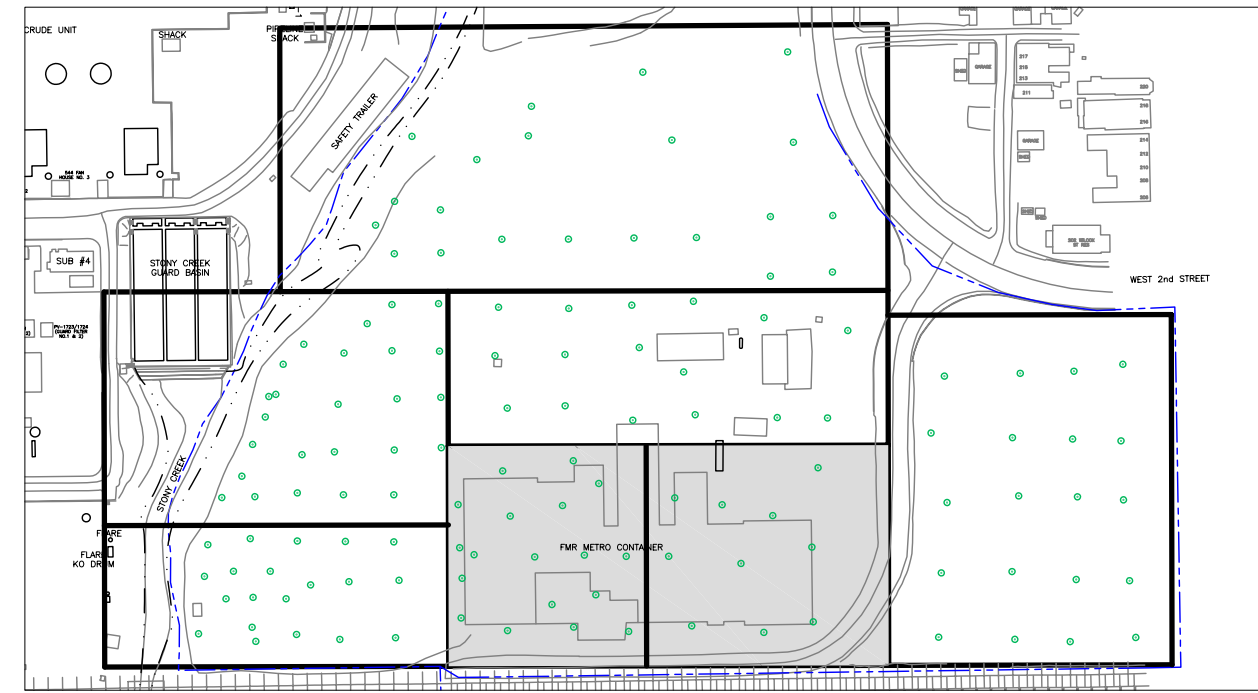
Sample Depth (ft)	05-MET-045S	05-MET-045
(mg/kg)	RESULT	RESULT
GENERAL CHEMISTRY	17-17.5	MSC 2-15
Total Phenolics	ND	NS
PESTICIDES/PCBs	ND	NS
PCB-1221 (Anochlor 1221)	ND/0.1	0.52
PCB-1222 (Anochlor 1222)	ND/0.1	0.52
PCB-1248 (Anochlor 1248)	ND/0.1	0.52
PCB-1254 (Anochlor 1254)	ND/0.1	0.52
PCB-1260 (Anochlor 1260)	ND/0.1	0.52
PCB-1280 (Anochlor 1280)	ND/0.1	0.52
Alpha BHC	ND/0.1	0.52
Gamma BHC - Lindane	ND/0.1	0.52
Toxaphene	ND/0.1	0.52
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND/0.1	0.52
Metals	ND	NS
Antimony	1.98 J	2.7
Arsenic	18.2	15
Beryllium	0.224 J	32
Cadmium	14.4	3.8
Chromium	96.7	NS
Copper	154	3600
Lead	607	45
Mercury	1.98	1
Nickel	26.6	65
Selenium	1.18 J	5
Silver	0.195	10
Thallium	3.97	1.4
Zinc	633	1200

Sample Depth (ft)	05-MET-005S	05-MET-005	05-MET-006S	05-MET-006
(mg/kg)	RESULT	RESULT	RESULT	RESULT
GENERAL CHEMISTRY	15-2	MSC 2-15	15-2	MSC 2-15
Total Phenolics	ND	NS	ND	NS
PESTICIDES/PCBs	ND	NS	ND	NS
PCB-1221 (Anochlor 1221)	ND/0.0672	0.044	ND/0.0672	0.044
PCB-1222 (Anochlor 1222)	ND/0.1	0.52	ND/0.1	0.52
PCB-1248 (Anochlor 1248)	ND/0.0672	0.041	ND/0.0672	0.041
PCB-1254 (Anochlor 1254)	ND/0.072	0.02	ND/0.072	0.02
PCB-1260 (Anochlor 1260)	ND/0.13	0.044	ND/0.13	0.044
PCB-1280 (Anochlor 1280)	ND/0.35	0.3	ND/0.35	0.3
Alpha BHC	ND/0.0672	0.044	ND/0.0672	0.044
Gamma BHC - Lindane	ND/0.0672	0.02	ND/0.0672	0.02
Toxaphene	ND/0.0672	0.044	ND/0.0672	0.044
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND/0.35	0.3	ND/0.35	0.3
Metals	ND	NS	ND	NS
Antimony	1.98 J	2.7	1.98 J	2.7
Arsenic	18.2	15	18.2	15
Beryllium	0.224 J	32	0.224 J	32
Cadmium	14.4	3.8	14.4	3.8
Chromium	96.7	NS	96.7	NS
Copper	154	3600	154	3600
Lead	607	45	607	45
Mercury	1.98	1	1.98	1
Nickel	26.6	65	26.6	65
Selenium	1.18 J	5	1.18 J	5
Silver	0.195	10	0.195	10
Thallium	3.97	1.4	3.97	1.4
Zinc	633	1200	633	1200

Sample Depth (ft)	05-MET-029
(mg/kg)	RESULT
GENERAL CHEMISTRY	15-2
Total Phenolics	ND
PESTICIDES/PCBs	ND
PCB-1221 (Anochlor 1221)	ND/0.0672
PCB-1222 (Anochlor 1222)	ND/0.1
PCB-1248 (Anochlor 1248)	ND/0.0672
PCB-1254 (Anochlor 1254)	ND/0.072
PCB-1260 (Anochlor 1260)	ND/0.13
PCB-1280 (Anochlor 1280)	ND/0.35
Alpha BHC	ND/0.0672
Gamma BHC - Lindane	ND/0.0672
Toxaphene	ND/0.0672
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND/0.35
Metals	ND
Antimony	1.98 J
Arsenic	18.2
Beryllium	0.224 J
Cadmium	14.4
Chromium	96.7
Copper	154
Lead	607
Mercury	1.98
Nickel	26.6
Selenium	1.18 J
Silver	0.195
Thallium	3.97
Zinc	633

Sample Depth (ft)	05-MET-005/005A	05-MET-005A	05-MET-006S	05-MET-006V
(mg/kg)	RESULT	RESULT	RESULT	RESULT
GENERAL CHEMISTRY	11.75-12.25	11.75-12.25	21.25-21.75	28-29.5
Total Phenolics	ND	ND	ND	ND
PESTICIDES/PCBs	ND	ND	ND	ND
PCB-1221 (Anochlor 1221)	ND/0.0672	0.044	ND/0.0672	0.044
PCB-1222 (Anochlor 1222)	ND/0.1	0.52	ND/0.1	0.52
PCB-1248 (Anochlor 1248)	ND/0.0672	0.041	ND/0.0672	0.041
PCB-1254 (Anochlor 1254)	ND/0.072	0.02	ND/0.072	0.02
PCB-1260 (Anochlor 1260)	ND/0.13	0.044	ND/0.13	0.044
PCB-1280 (Anochlor 1280)	ND/0.35	0.3	ND/0.35	0.3
Alpha BHC	ND/0.0672	0.044	ND/0.0672	0.044
Gamma BHC - Lindane	ND/0.0672	0.02	ND/0.0672	0.02
Toxaphene	ND/0.0672	0.044	ND/0.0672	0.044
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND/0.35	0.3	ND/0.35	0.3
Metals	ND	NS	ND	NS
Antimony	1.98 J	2.7	1.98 J	2.7
Arsenic	18.2	15	18.2	15
Beryllium	0.224 J	32	0.224 J	32
Cadmium	14.4	3.8	14.4	3.8
Chromium	96.7	NS	96.7	NS
Copper	154	3600	154	3600
Lead	607	45	607	45
Mercury	1.98	1	1.98	1
Nickel	26.6	65	26.6	65
Selenium	1.18 J	5	1.18 J	5
Silver	0.195	10	0.195	10
Thallium	3.97	1.4	3.97	1.4
Zinc	633	1200	633	1200

Sample Depth (ft)	05-MET-066
(mg/kg)	RESULT
GENERAL CHEMISTRY	13.5-14
Total Phenolics	ND
PESTICIDES/PCBs	ND
PCB-1221 (Anochlor 1221)	ND/0.0672
PCB-1222 (Anochlor 1222)	ND/0.1
PCB-1248 (Anochlor 1248)	ND/0.0672
PCB-1254 (Anochlor 1254)	ND/0.072
PCB-1260 (Anochlor 1260)	ND/0.13
PCB-1280 (Anochlor 1280)	ND/0.35
Alpha BHC	ND/0.0672
Gamma BHC - Lindane	ND/0.0672
Toxaphene	ND/0.0672
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ND/0.35
Metals	ND
Antimony	1.98 J
Arsenic	18.2
Beryllium	0.224 J
Cadmium	14.4
Chromium	96.7
Copper	154
Lead	607
Mercury	1.98
Nickel	26.6
Selenium	1.18 J
Silver	0.195
Thallium	3.97
Zinc	633



**SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA**

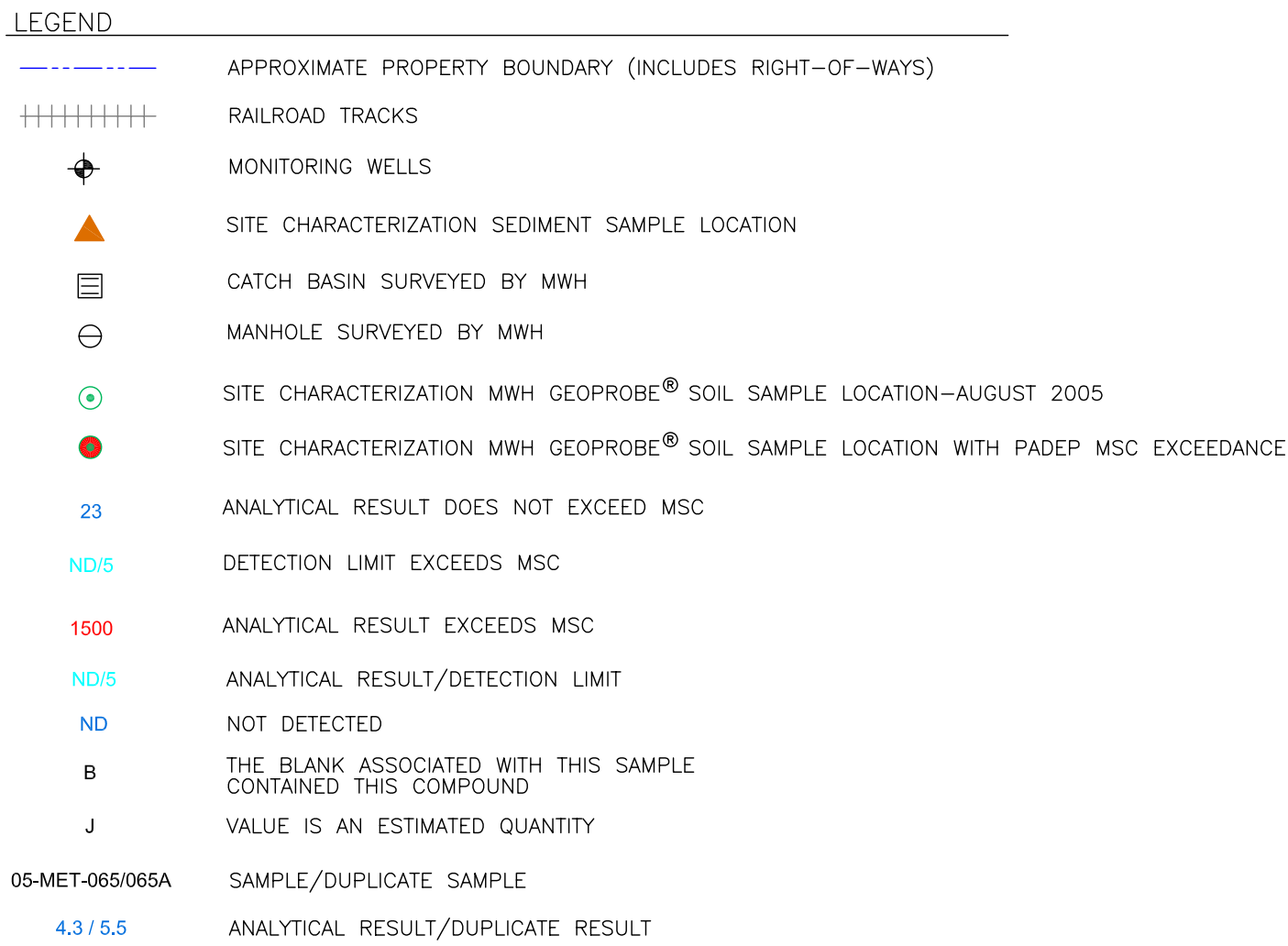
**INORGANIC ANALYTICAL RESULTS - SOILS
SOUTH AREA**



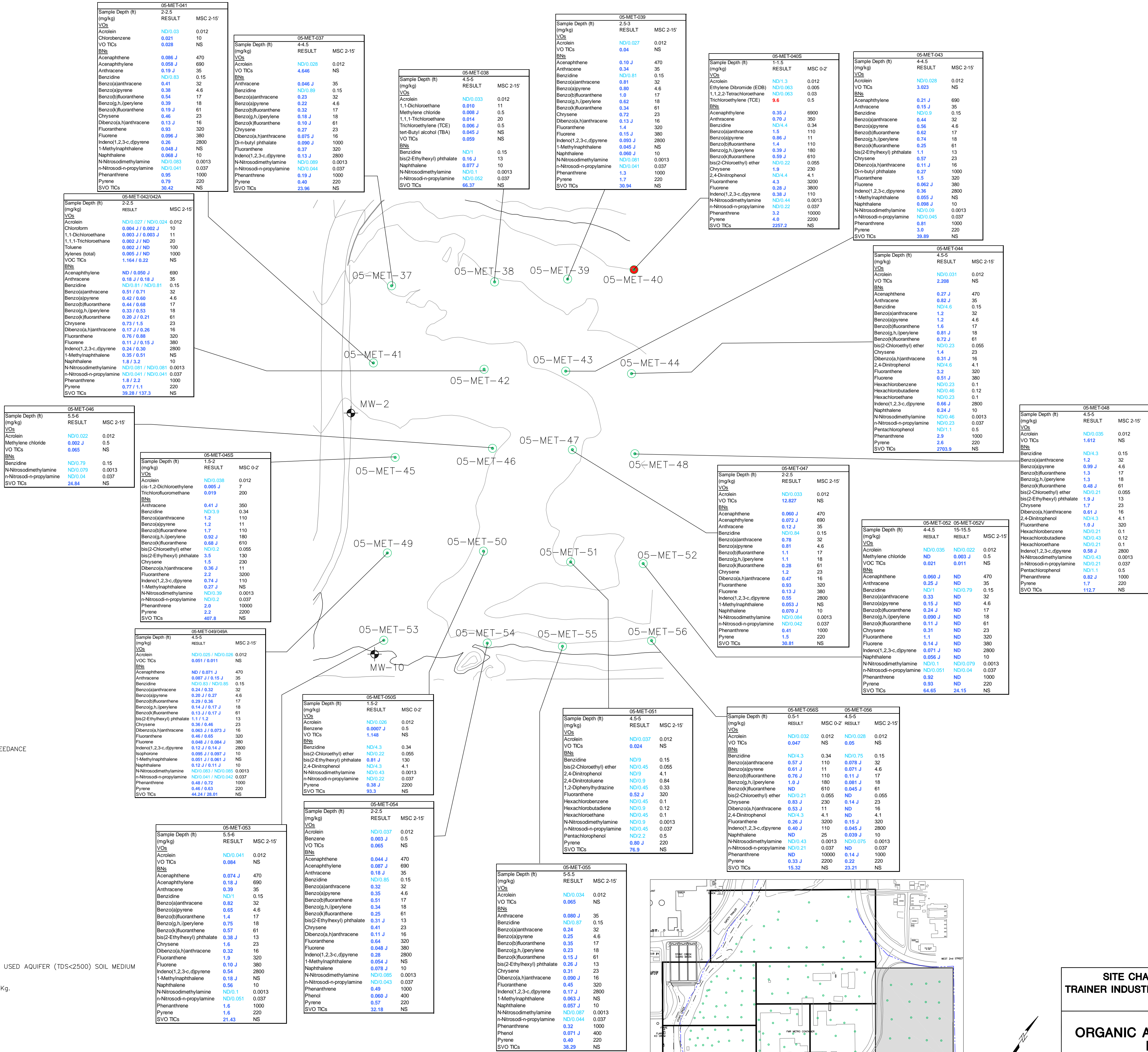
FIGURE 4-13

NOTE:

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNsylvania PROFESSIONAL GEOLOGIST--0125--G



NOTE:
1. MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.
2. ALL CONCENTRATIONS ARE IN Mg/Kg.



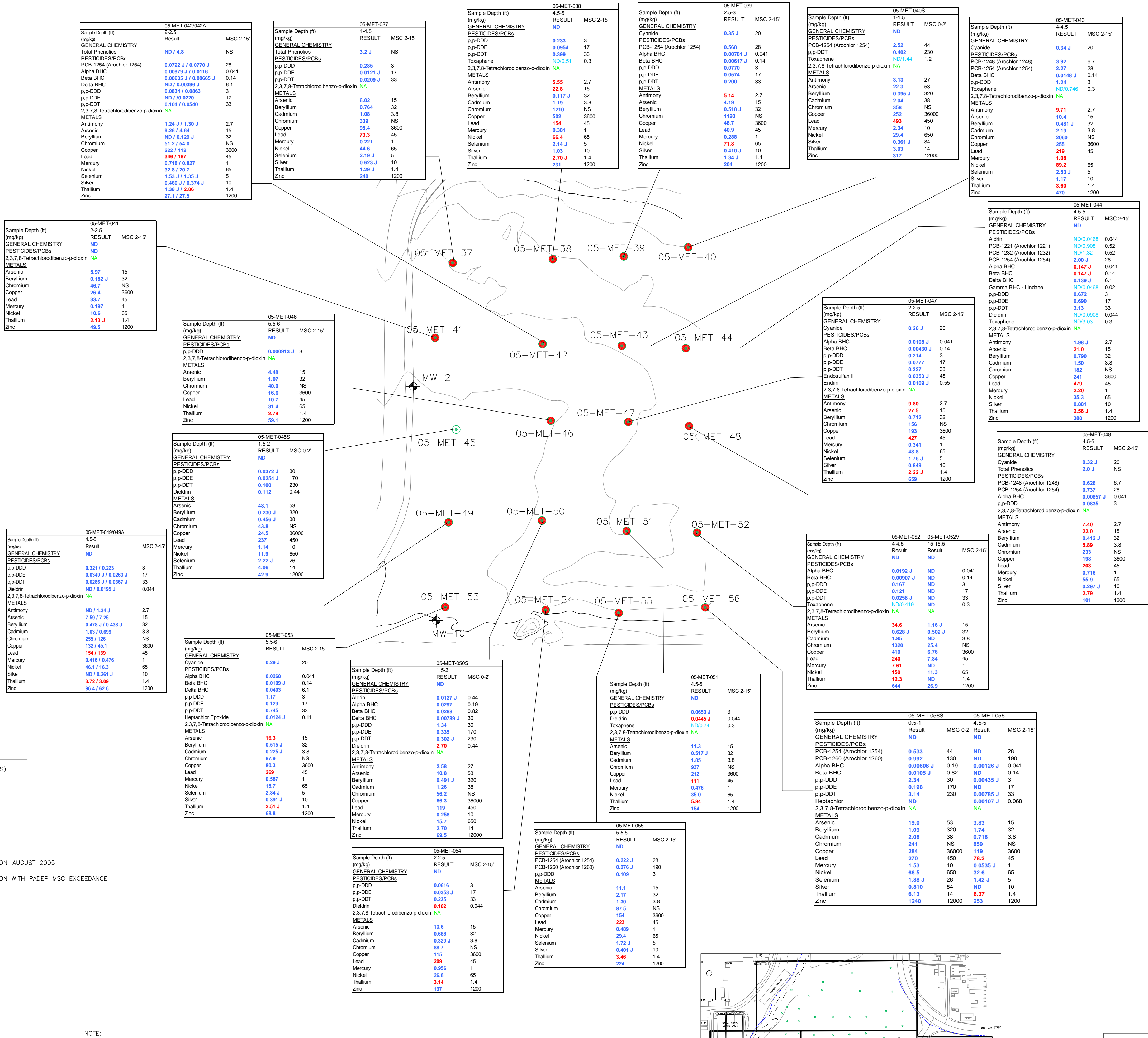


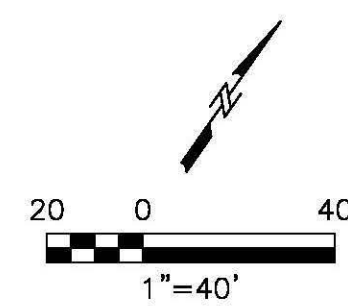
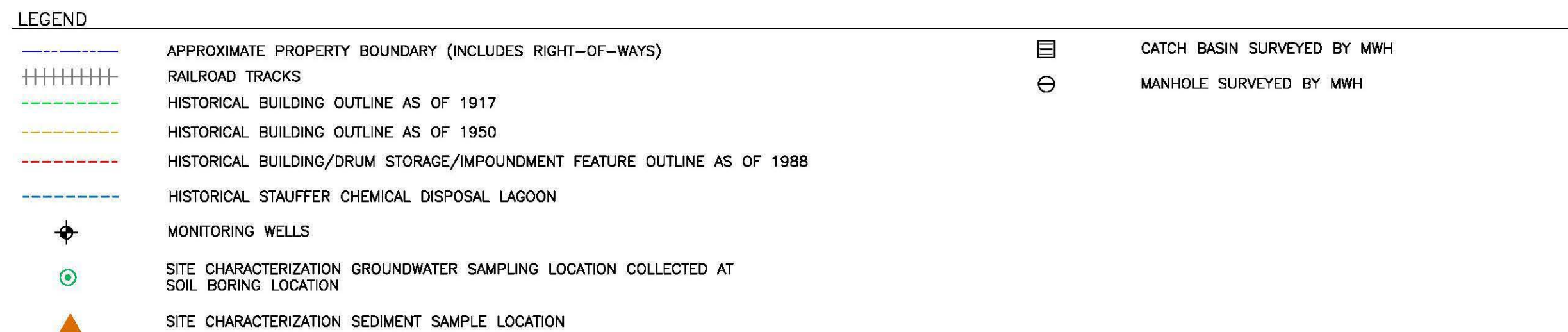
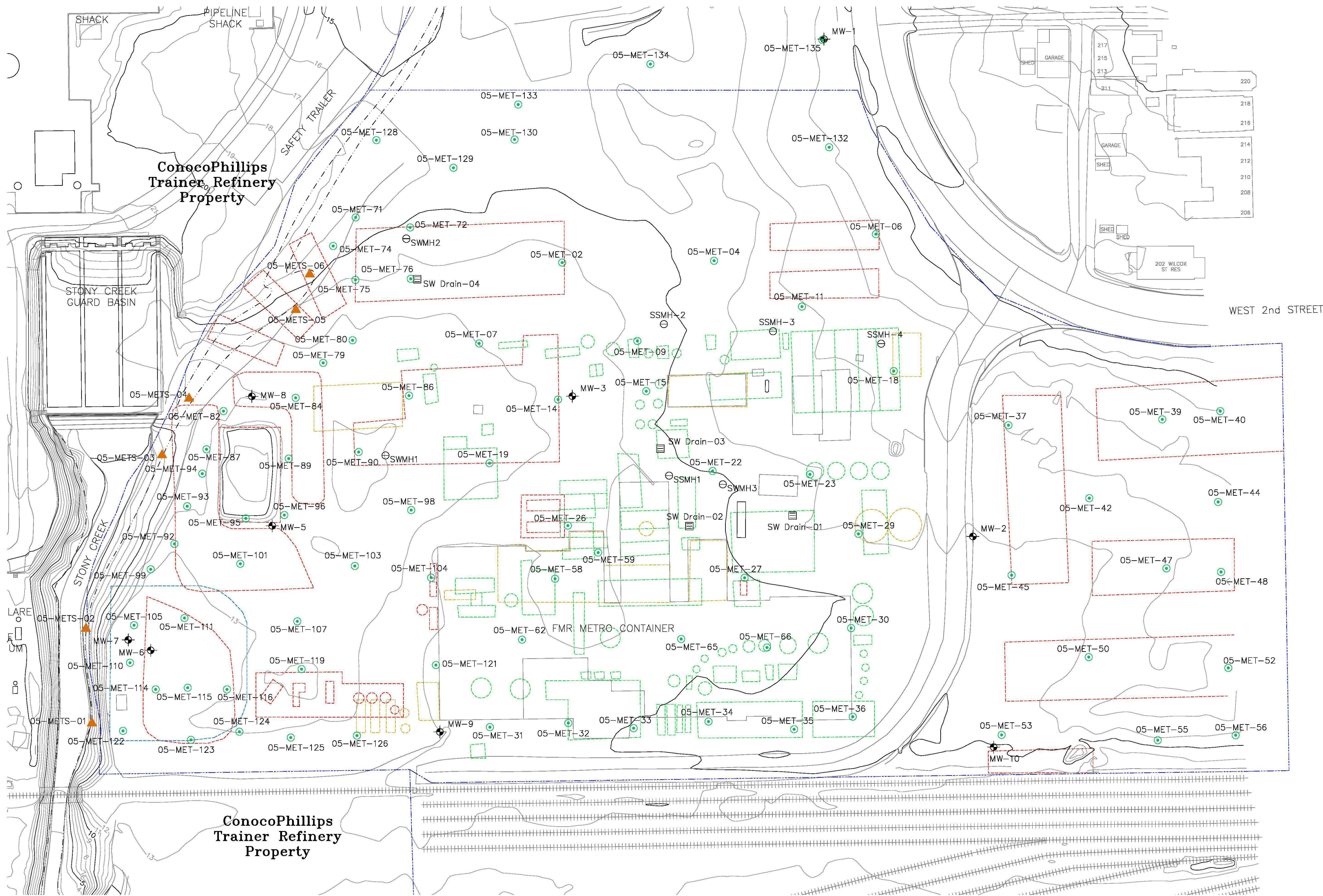
NOTE:

1. MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER (TDS<2500) SOIL MEDIUM SPECIFIC CONCENTRATION.
2. ALL CONCENTRATIONS ARE IN Mg/Kg.

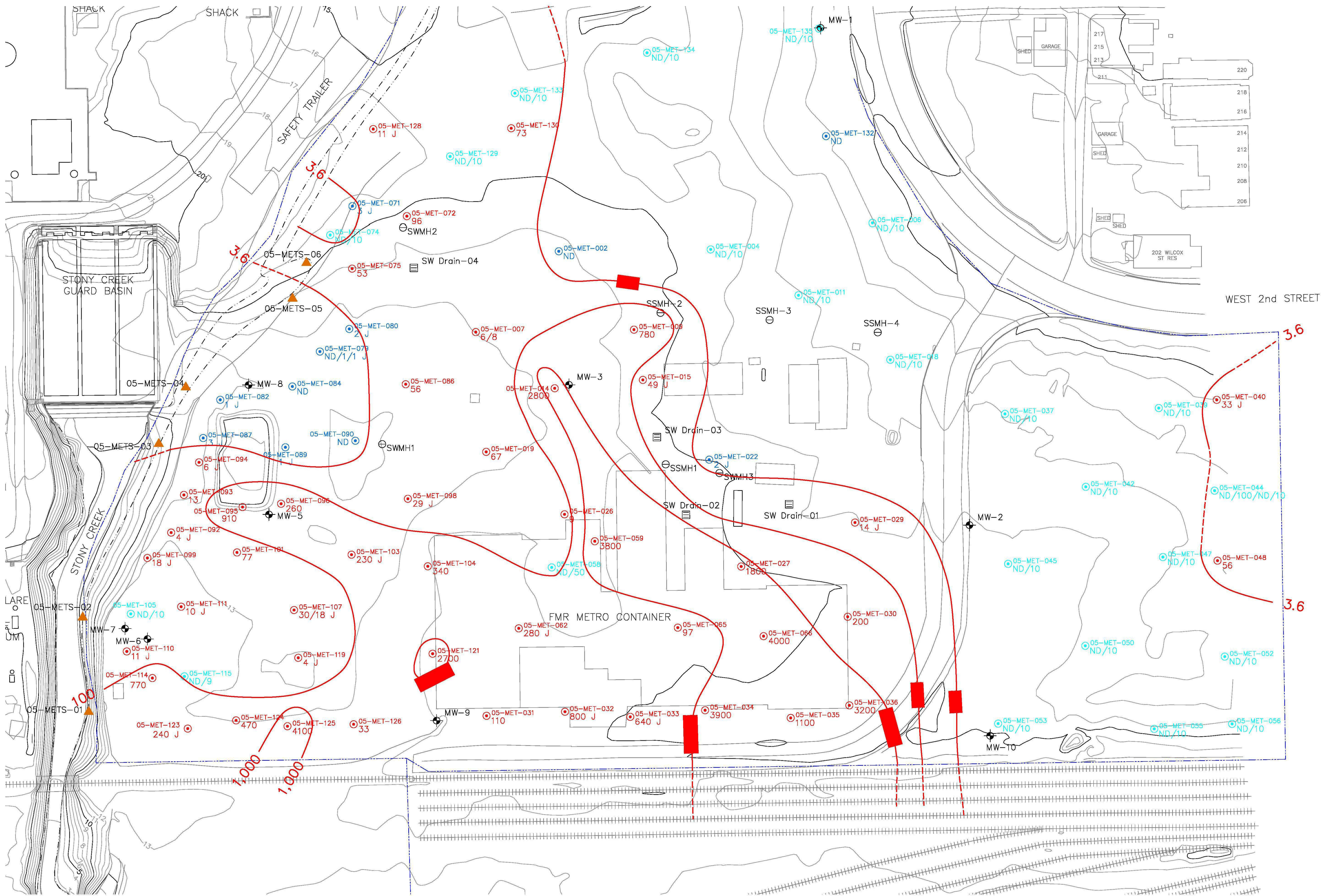
NOTE:

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST-0125-G.





SITE CHARACTERIZATION INVESTIGATION RESULTS TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION TRAINER, PENNSYLVANIA	
LOCATION OF HISTORICAL OPERATIONS AND 2005 SITE CHARACTERIZATION GROUNDWATER AND SEDIMENT SAMPLING LOCATIONS	
	FIGURE 4-16



LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

05-MET-09
05-MET-10
05-MET-11
05-MET-12

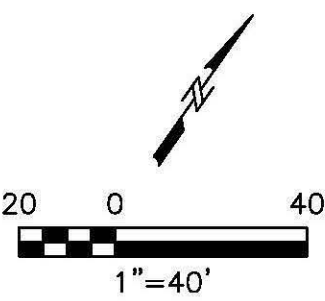
GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR THIS CONSTITUENT)

ND/5
ND
NA
NS
B
J
3 J/2 J

ANALYTICAL RESULT/DETECTION LIMIT
NOT DETECTED
SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
VALUE IS AN ESTIMATED QUANTITY
SAMPLE / DUPLICATE

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
- THE MSC FOR BENZO (A) ANTHRACENE IS 3.6 µg/L
- ALL CONCENTRATIONS ARE IN µg/L



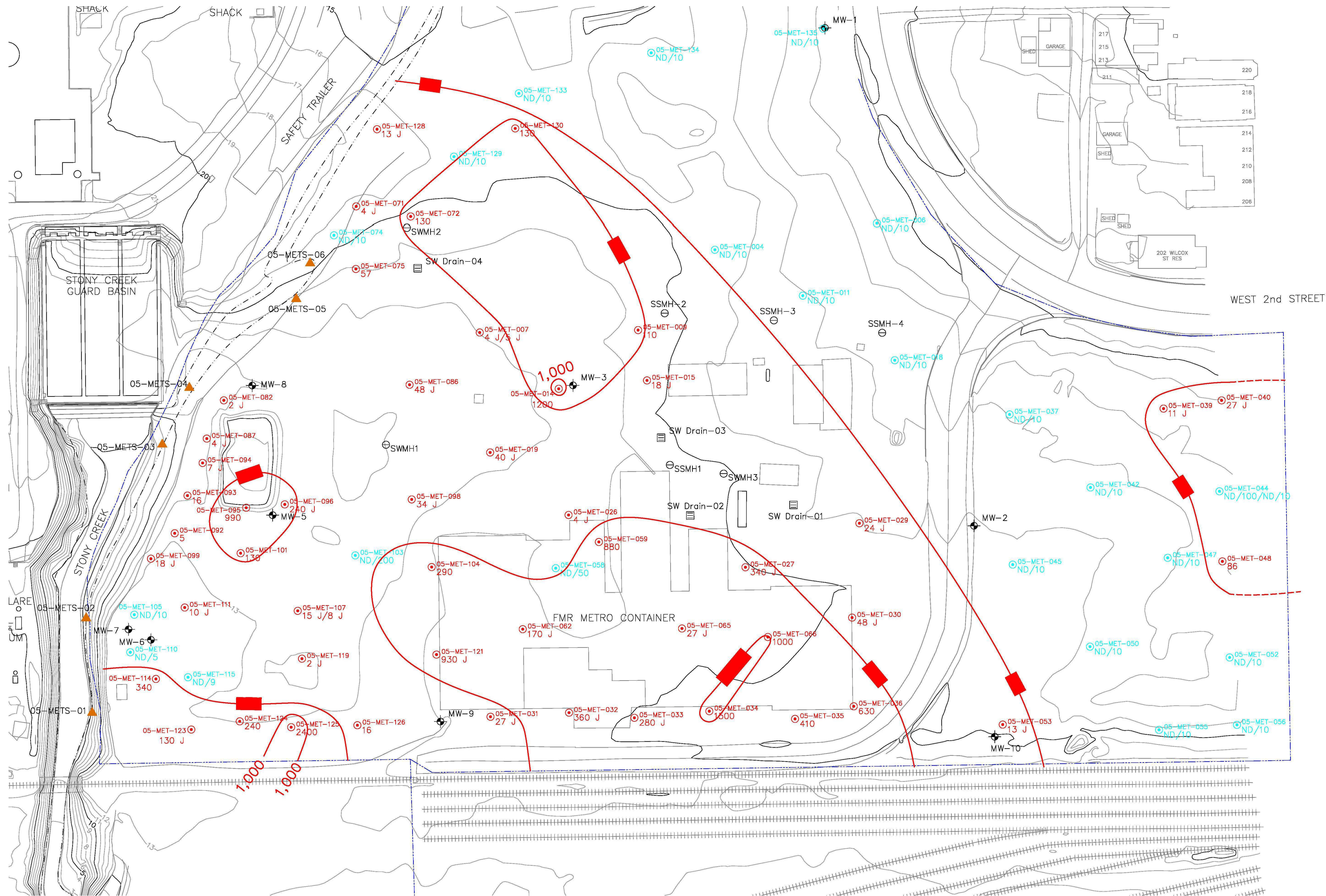
**SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA**

**BENZO (A) ANTHRACENE
ISOCONCENTRATION MAP**



FIGURE 4-17

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LEGEND

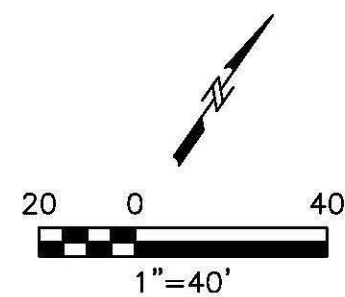
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

1. MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
2. THE MSC FOR BENZO (B) FLUORANTHENE IS 1.2 µg/L
3. ALL CONCENTRATIONS ARE IN µg/L.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

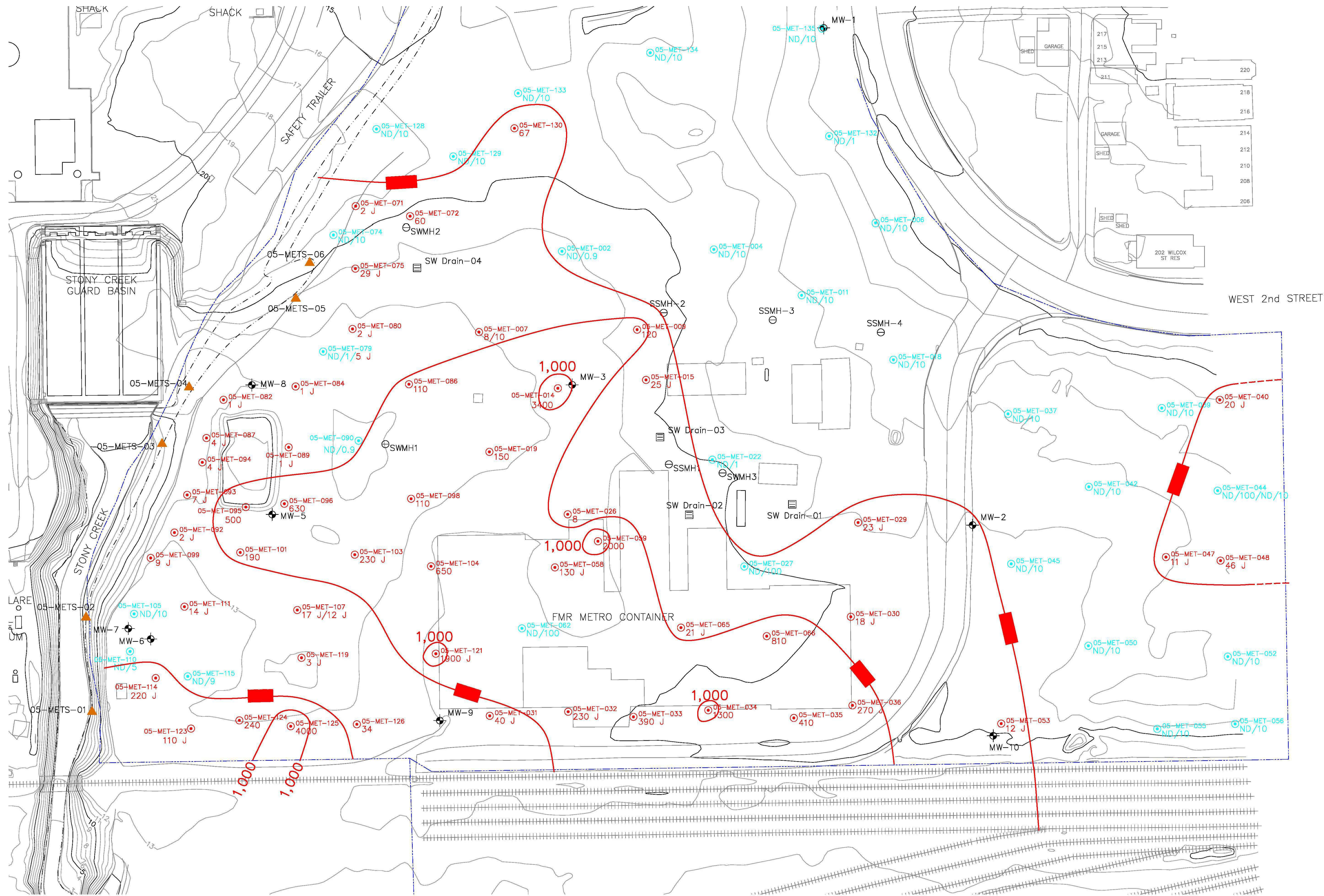
BENZO (B) FLUORANTHENE
ISOCONCENTRATION MAP



FIGURE 4-19

AR100214

S:\IND PROJECTS\Conceptual\Trainer\Former Metro Container Investigation\Figure\Groundwater Maps\METRO-202014.dwg



LEGEND

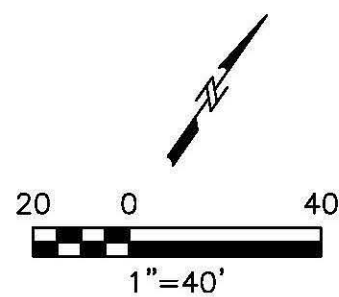
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

1. MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
2. THE MSC FOR BENZO (G,H,I) PERYLENE IS 0.26 µg/L
3. ALL CONCENTRATIONS ARE IN µg/L.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

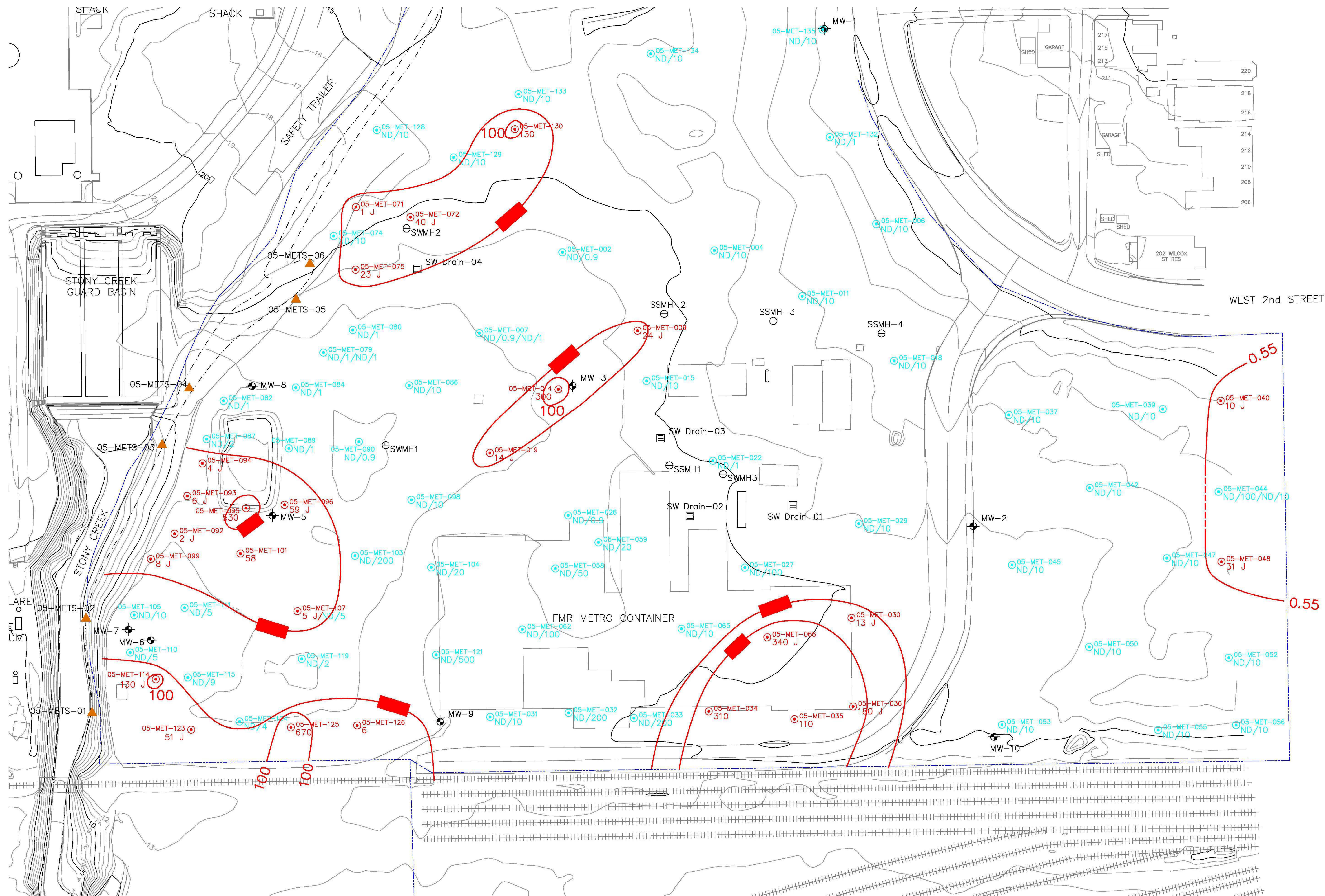
BENZO (G,H,I) PERYLENE
ISOCONCENTRATION MAP



FIGURE 4-20

AR100215

S:\IND - PROJECTS\Conceptual\Trainer\Former Metro Containers Investigation\Figure\Groundwater Maps\METRO-2006.dwg



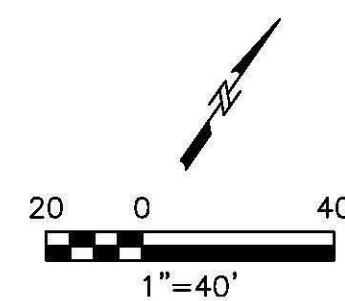
LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

- NOTE:
- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
 - THE MSC FOR BENZO (K) FLUORANTHENE IS 0.55 µg/L
 - ALL CONCENTRATIONS ARE IN µg/L.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

BENZO (K) FLUORANTHENE
ISOCONCENTRATION MAP

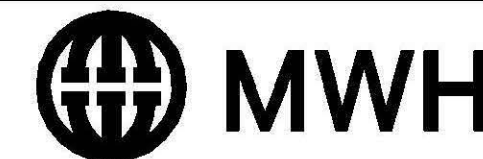
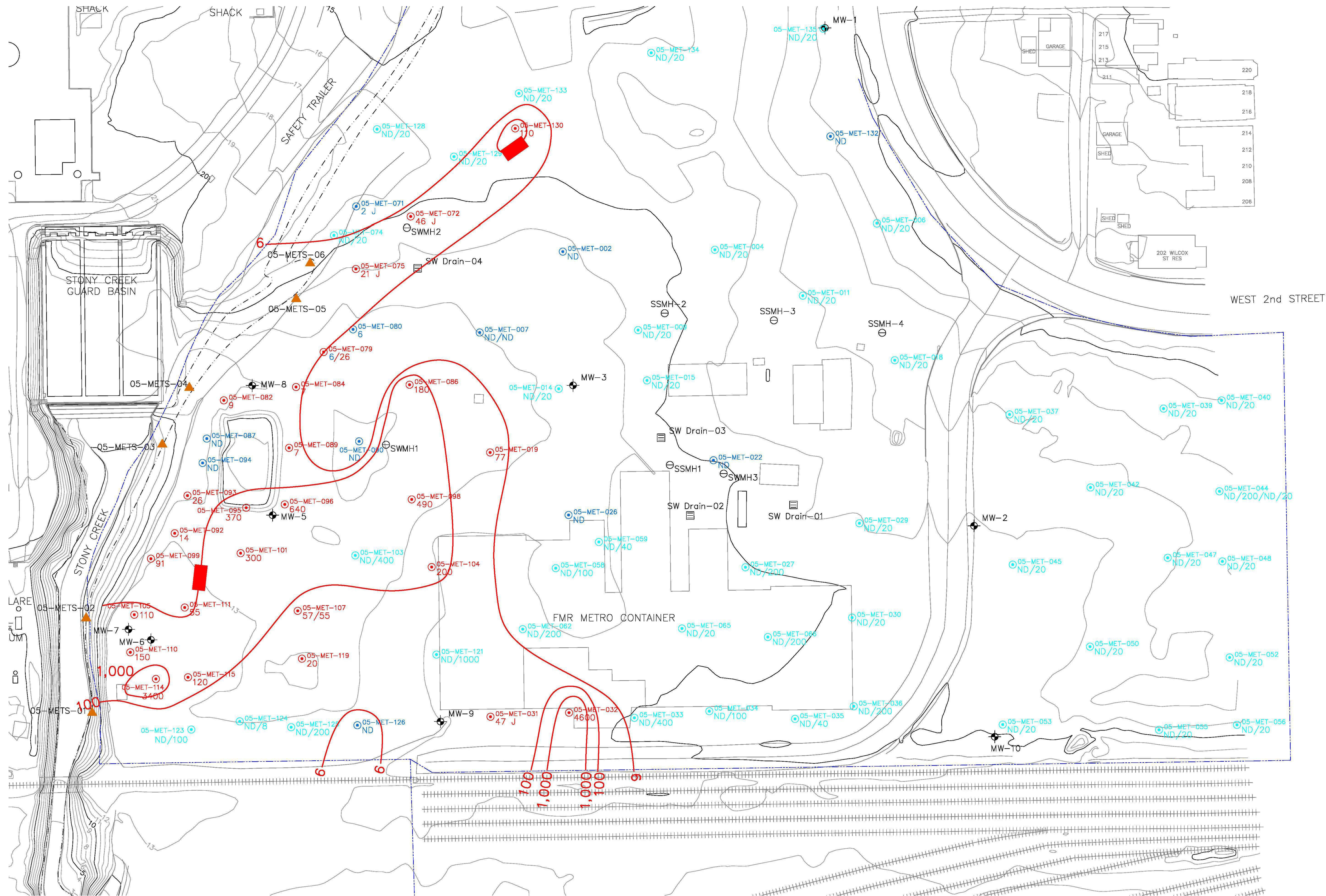


FIGURE 4-21

AR100216

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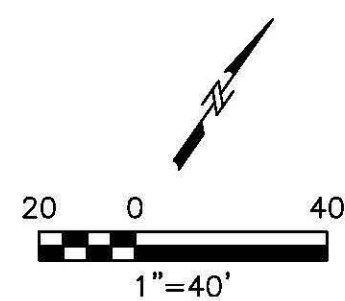
LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

- NOTE:
- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
 - THE MSC FOR bis-2-ETHYLHEXYL PHTHALATE IS 6.0 µg/L
 - ALL CONCENTRATIONS ARE IN µg/L.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

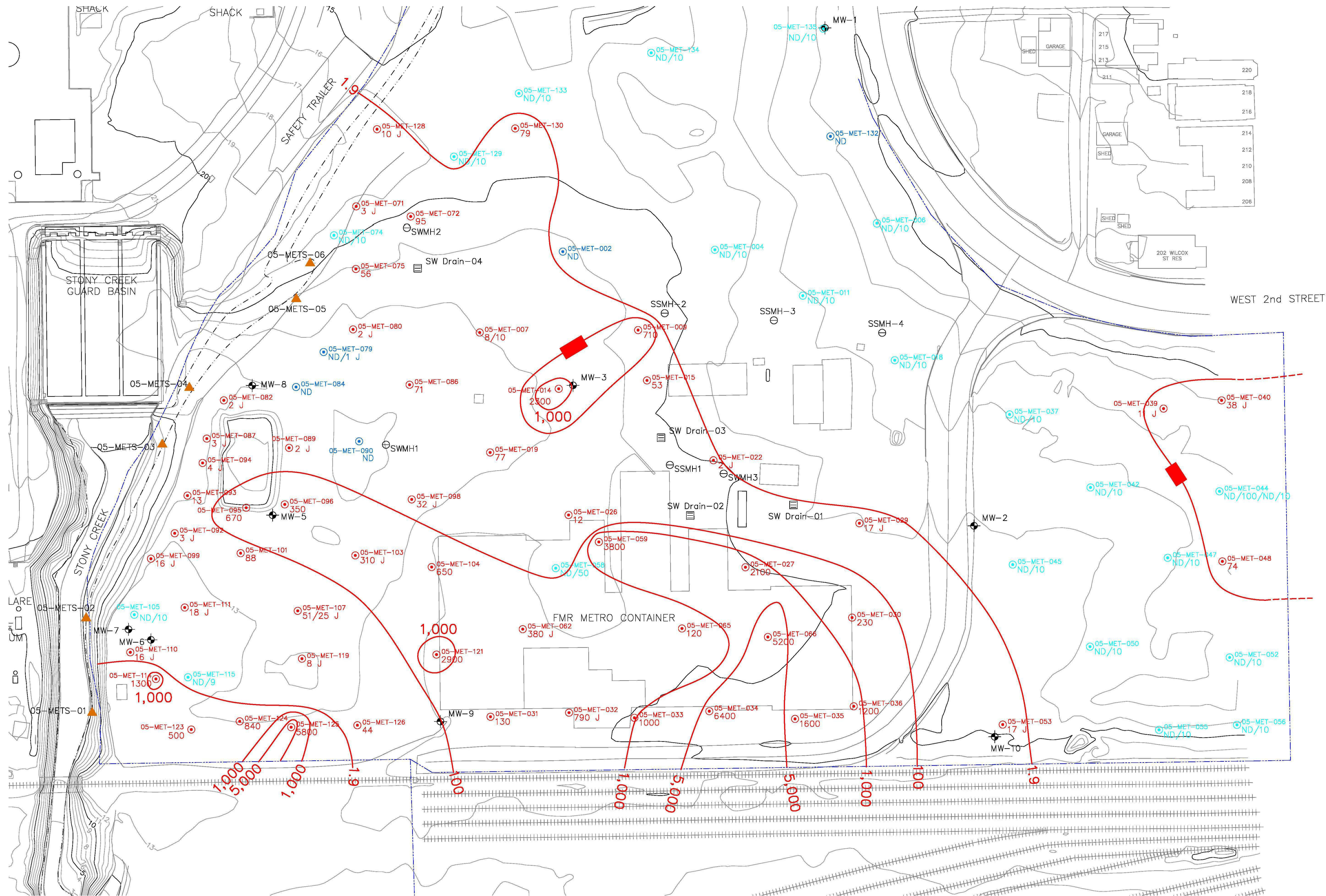
bis-2-ETHYLHEXYL PHTHALATE
ISOCONCENTRATION MAP



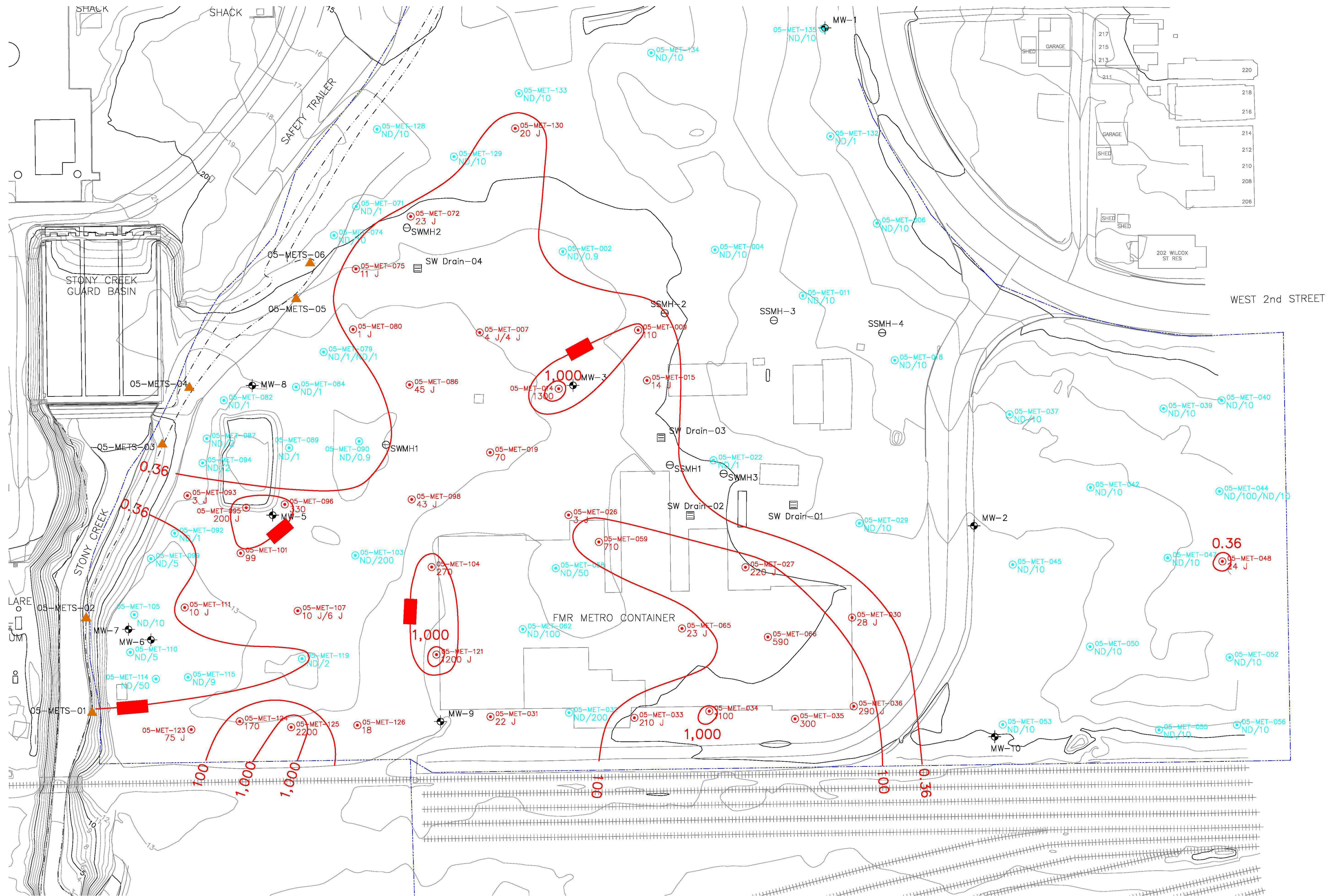
FIGURE 4-22

AR100217

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LEGEND

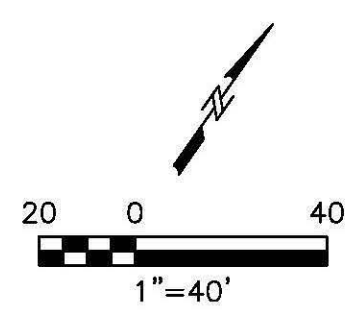
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
- THE MSC FOR DIBENZ (A,H) ANTHRACENE IS 0.36 µg/L
- ALL CONCENTRATIONS ARE IN µg/L



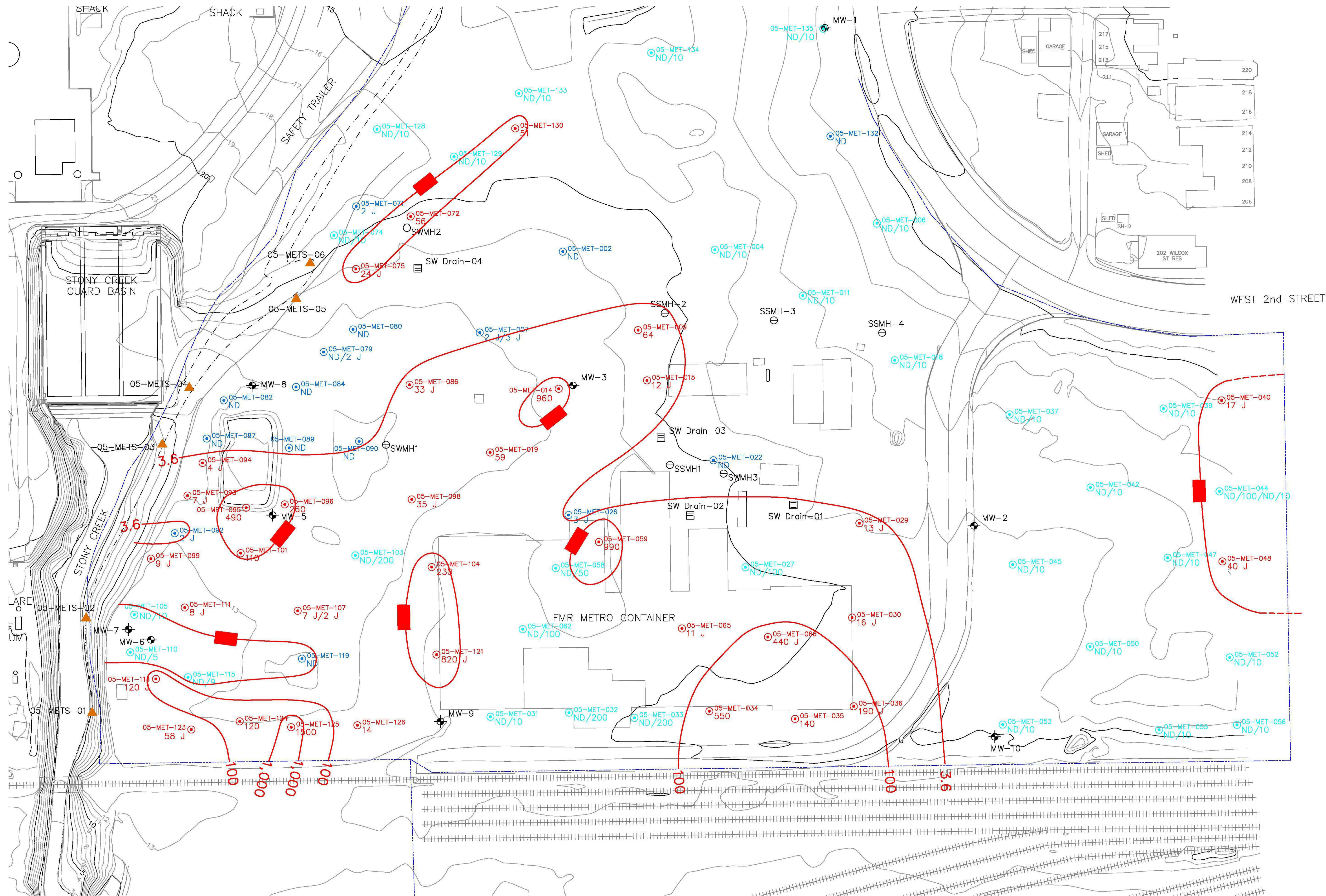
SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

DIBENZ (A,H) ANTHRACENE
ISOCONCENTRATION MAP



FIGURE 4-24

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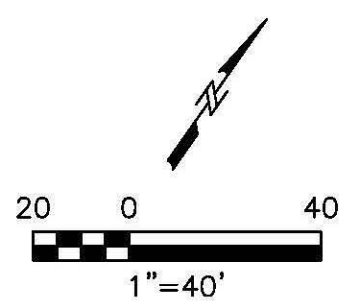
LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

- NOTE:
- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
 - THE MSC FOR INDENO (1,2,3-c,d) PYRENE IS 3.6 µg/L
 - ALL CONCENTRATIONS ARE IN µg/L

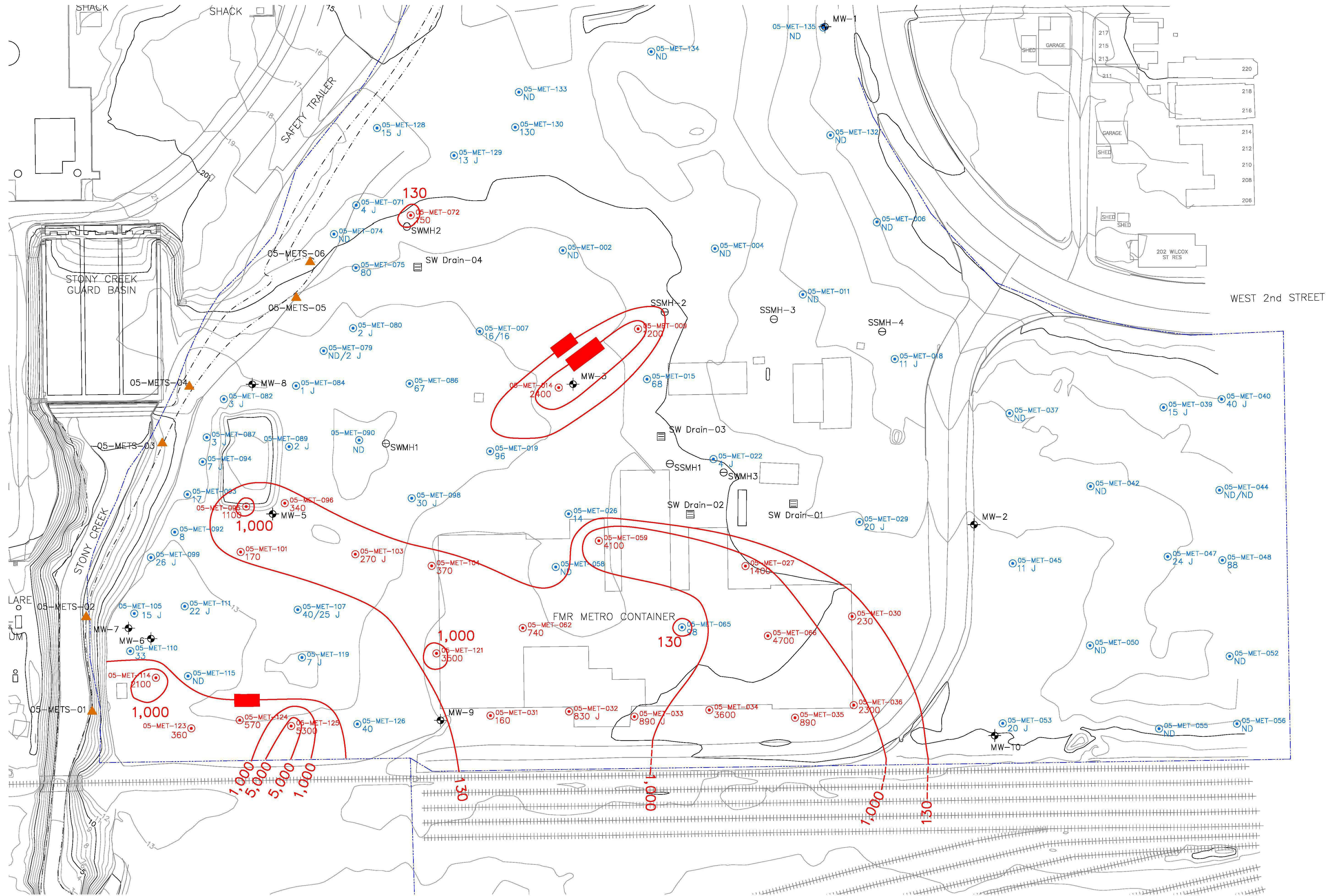


SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

INDENO (1,2,3-c,d) PYRENE
ISOCONCENTRATION MAP



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

- NOTE:
- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
 - THE MSC FOR PYRENE IS 130 µg/L.
 - ALL CONCENTRATIONS ARE IN µg/L.

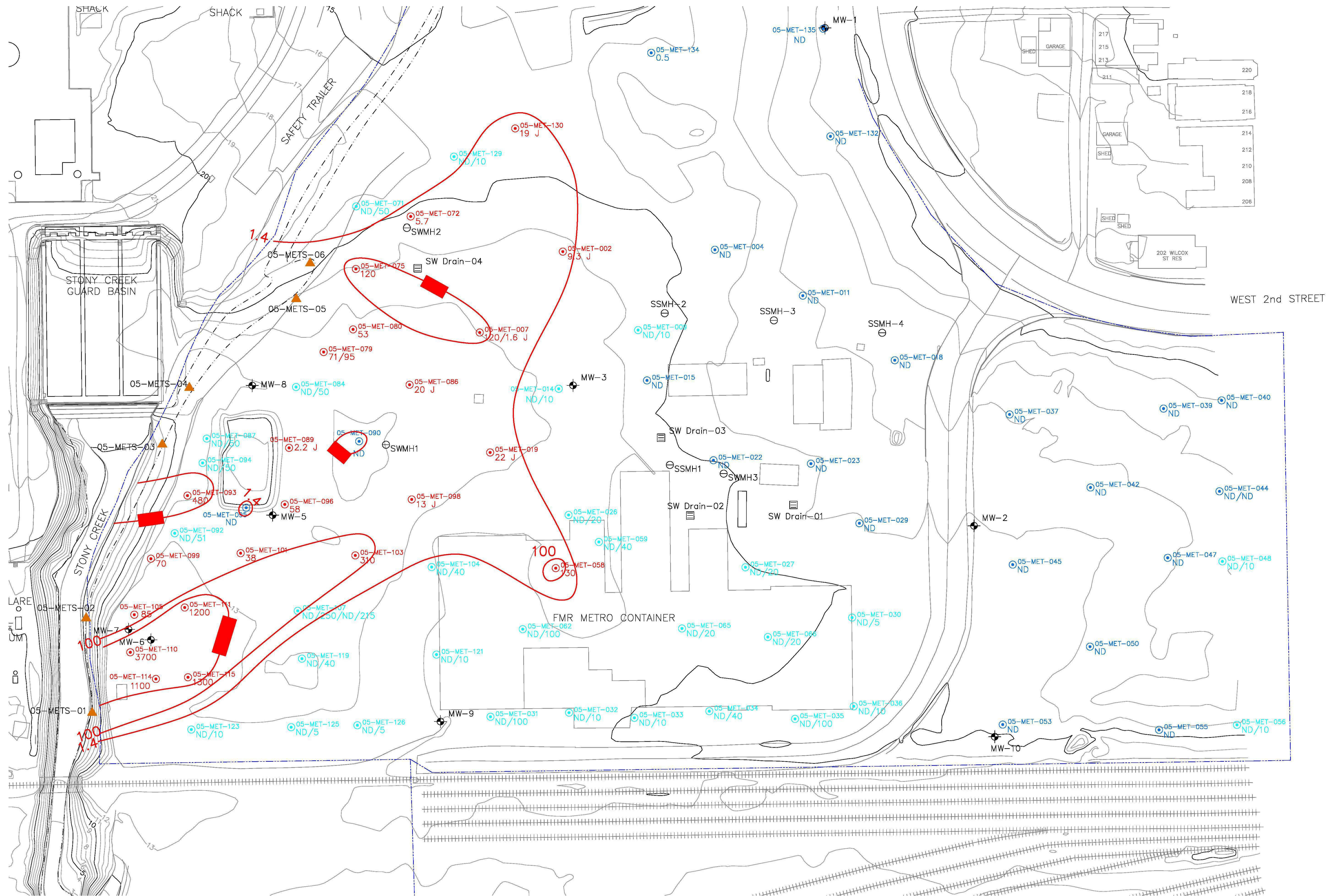
SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

PYRENE ISOCONCENTRATION MAP



FIGURE 4-26

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LEGEND

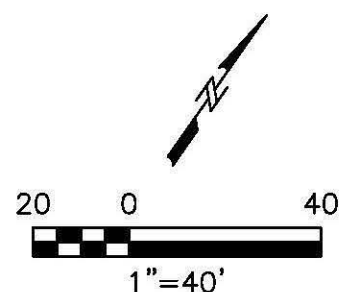
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
- THE MSC FOR PCB 1248 IS 1.4 µg/L
- ALL CONCENTRATIONS ARE IN µg/L.

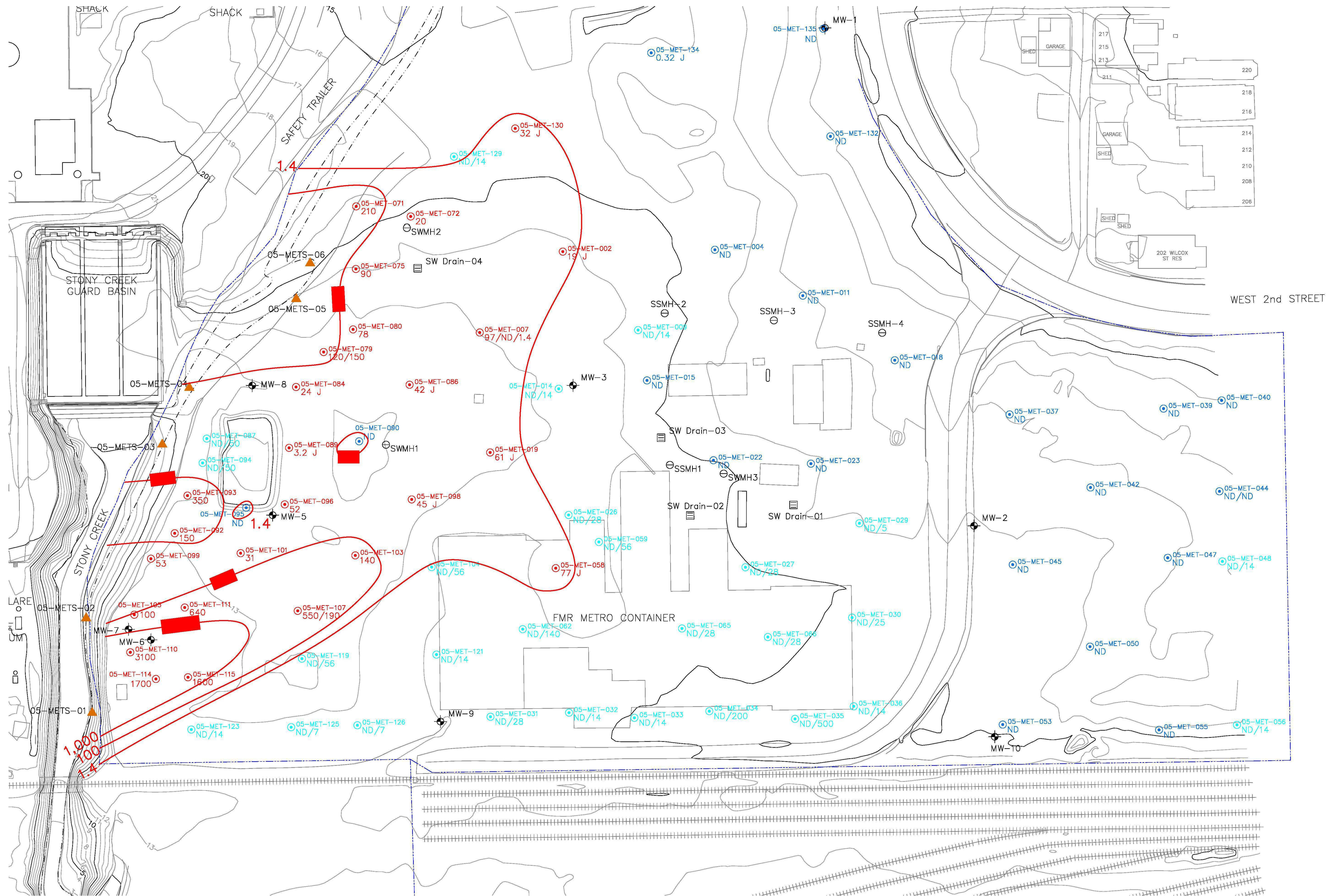


SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

PCB 1248 ISOCONCENTRATION MAP



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LEGEND

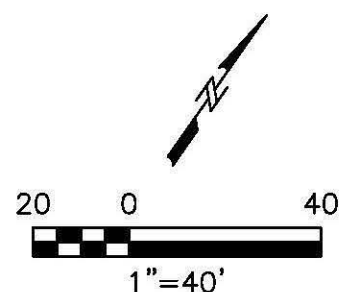
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
- THE MSC FOR PCB 1254 IS 1.4 µg/L
- ALL CONCENTRATIONS ARE IN µg/L.

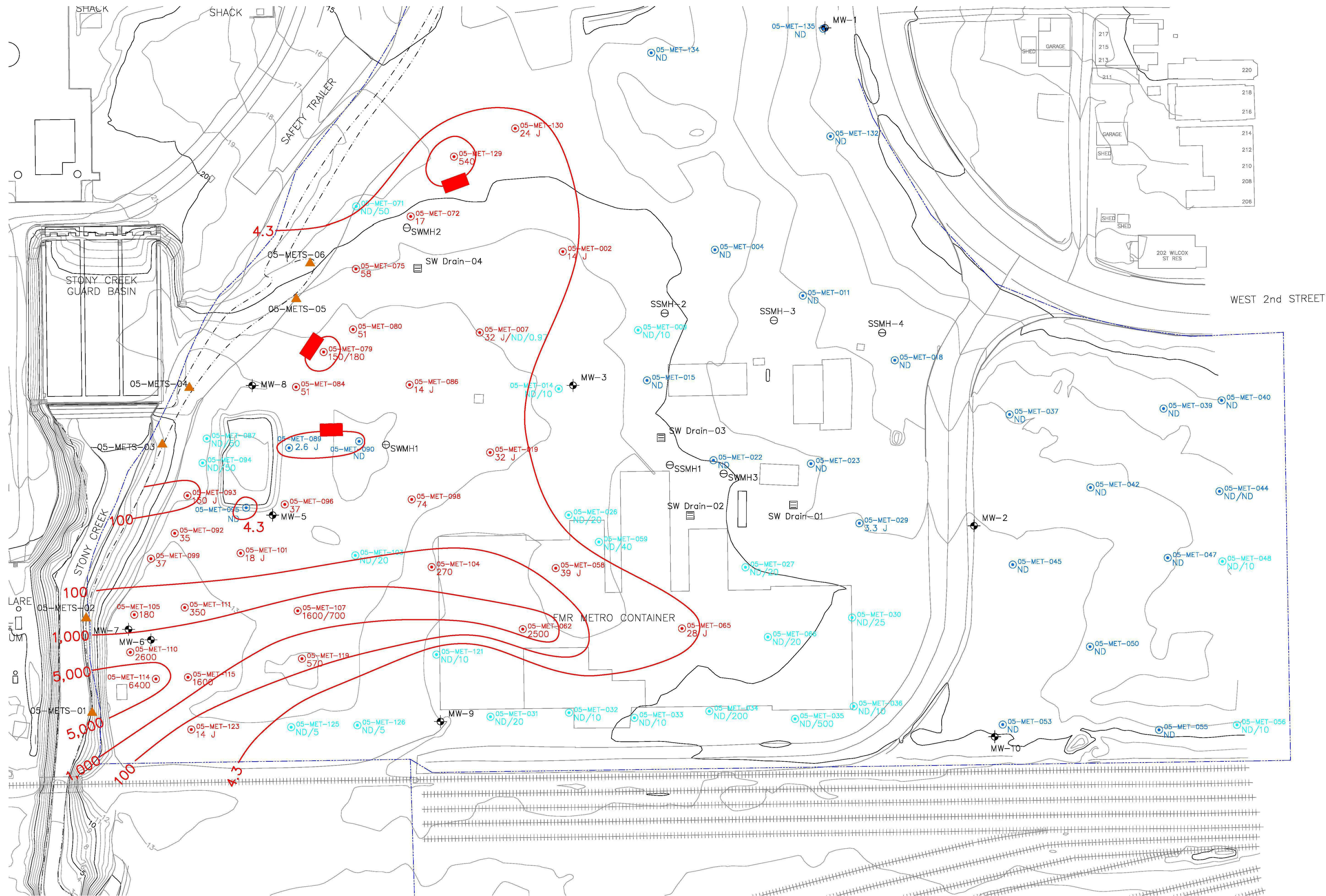


SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

PCB 1254 ISOCONCENTRATION MAP



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LEGEND

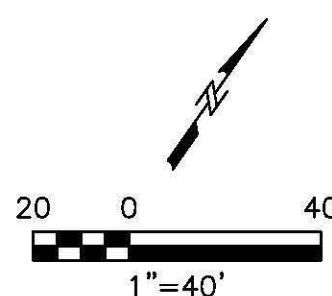
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
- THE MSC FOR PCB 1260 IS 4.3 µg/L.
- ALL CONCENTRATIONS ARE IN µg/L.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

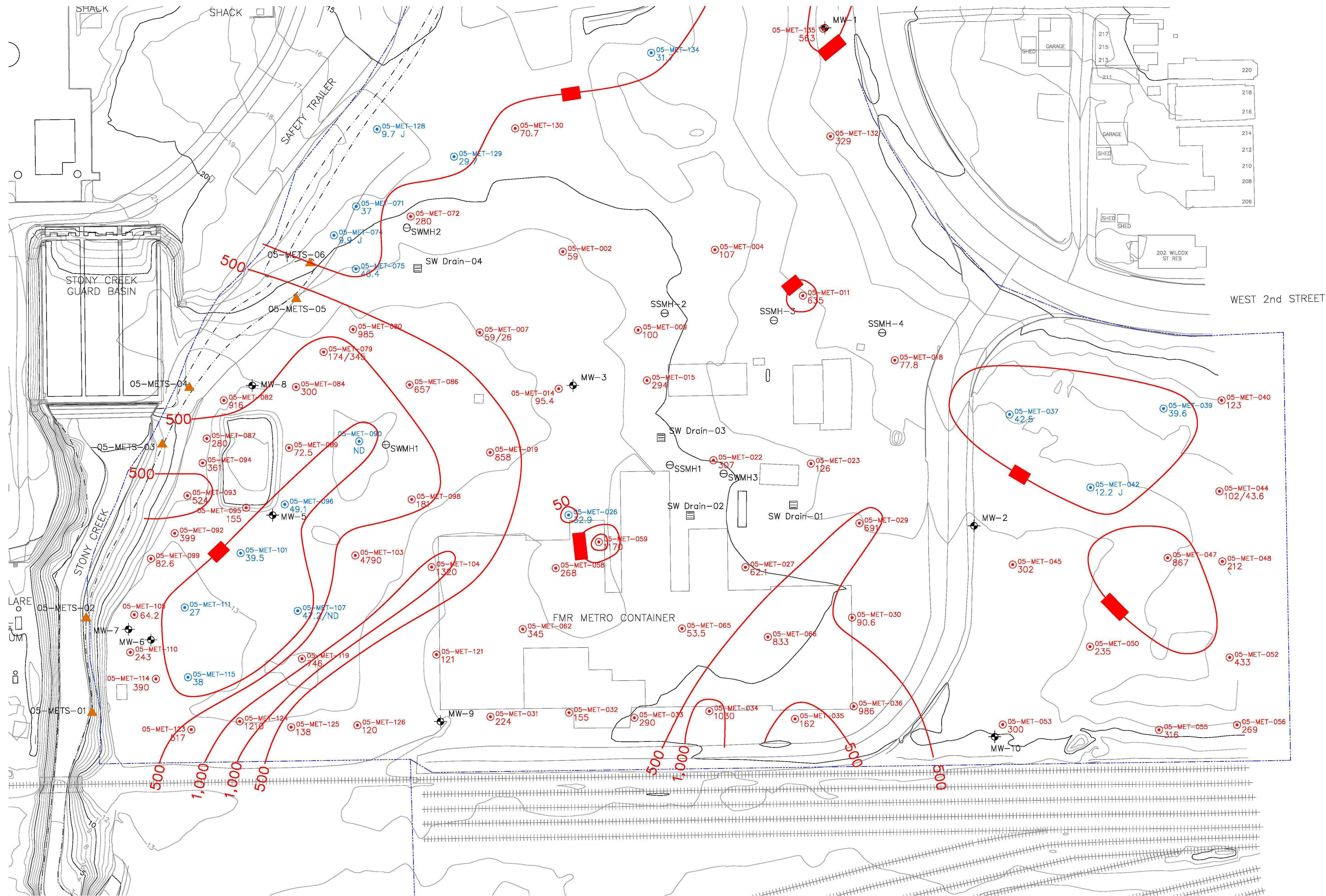
PCB 1260 ISOCONCENTRATION MAP



FIGURE 4-29

AR100224

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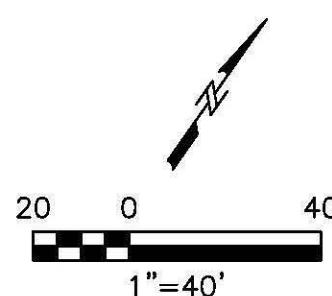
LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

- NOTE:
- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
 - THE MSC FOR TOTAL ARSENIC IS 50 µg/L
 - ALL CONCENTRATIONS ARE IN µg/L.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

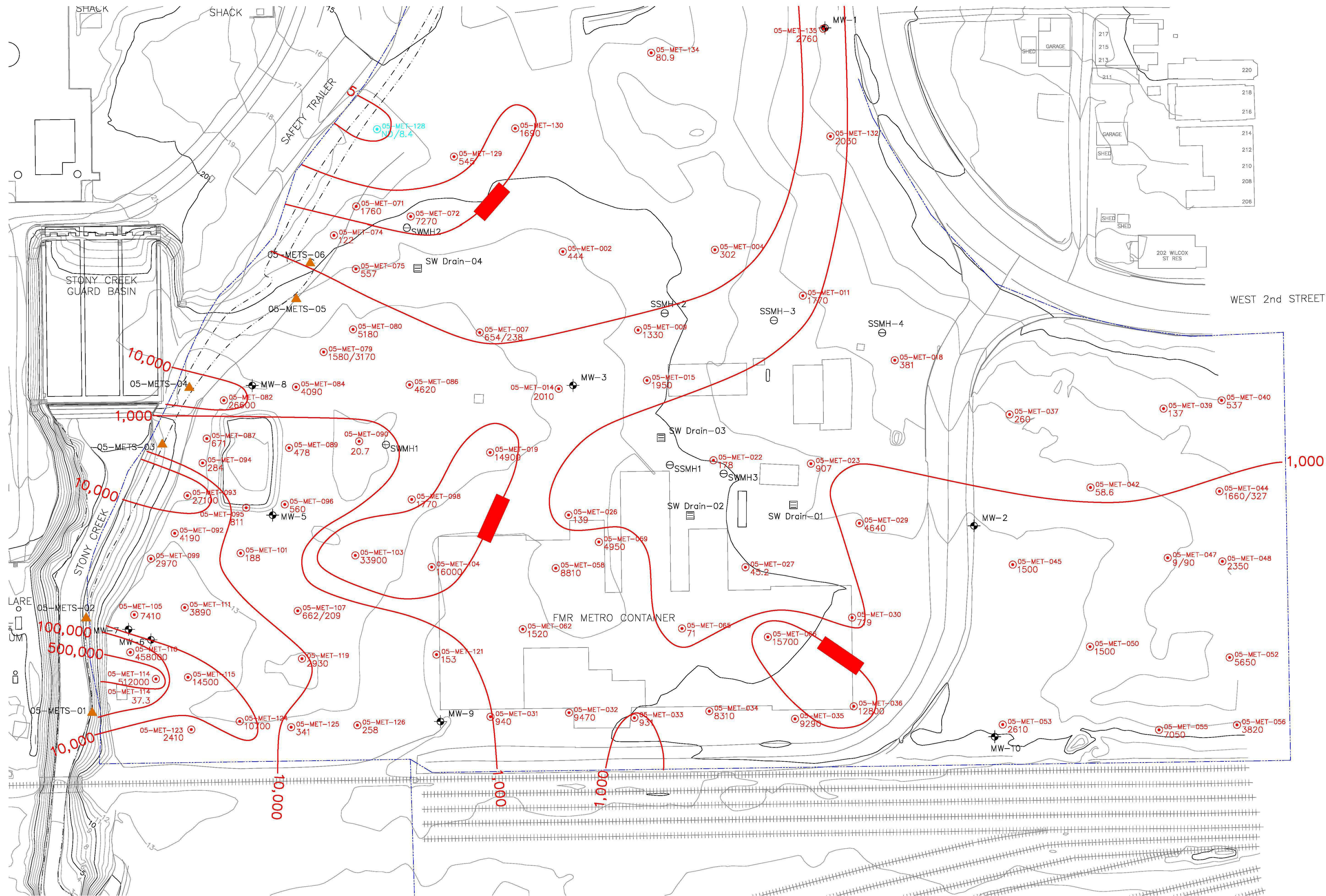
TOTAL ARSENIC ISOCONCENTRATION MAP



FIGURE 4-30

AR100225

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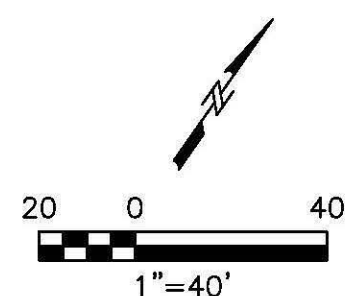
LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

- NOTE:
- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
 - THE MSC FOR TOTAL LEAD IS 5 µg/L
 - ALL CONCENTRATIONS ARE IN µg/L



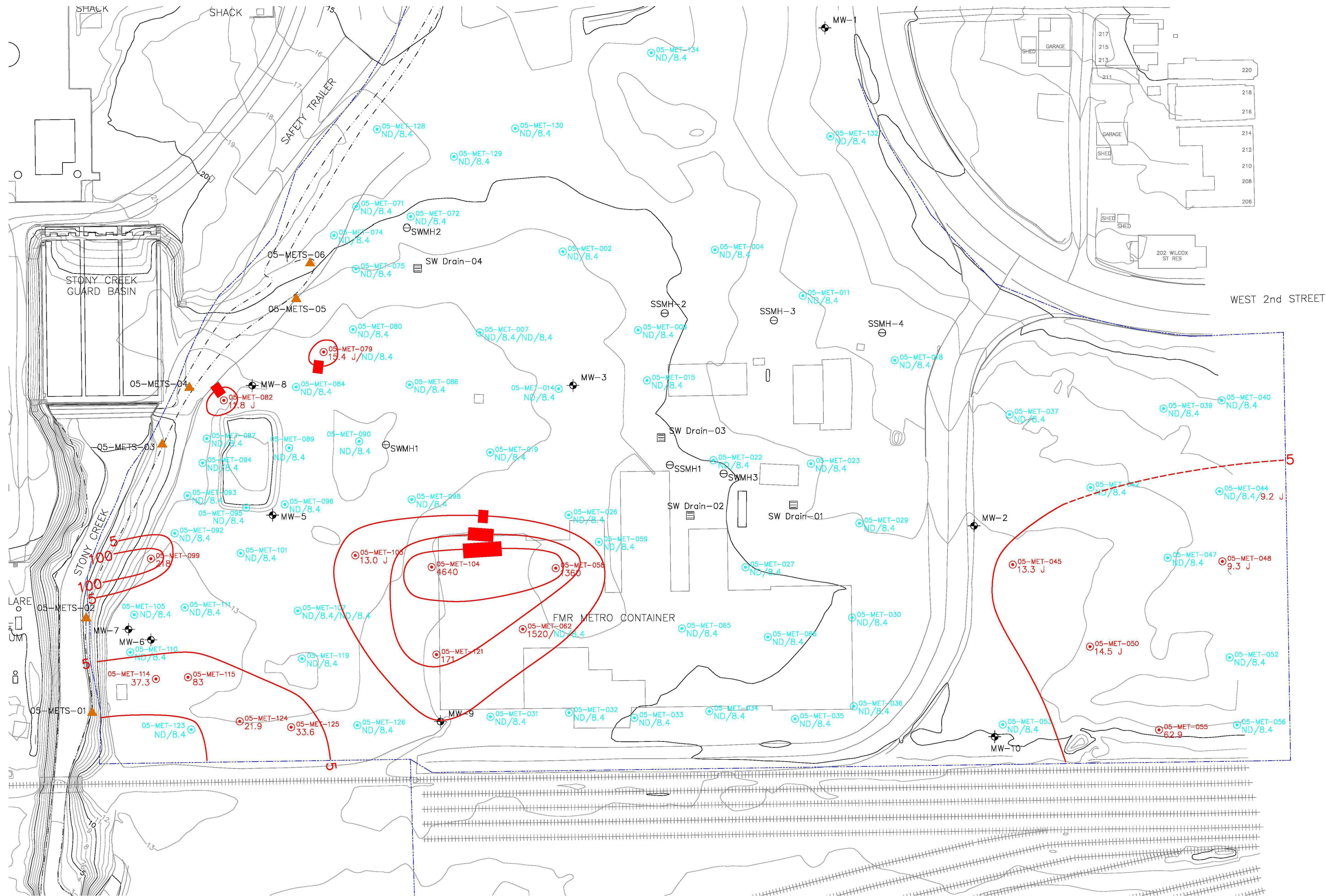
SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

TOTAL LEAD ISOCONCENTRATION MAP



FIGURE 4-32

S:\IND PROJECTS\Conceptual\Trainer\Former Metro Container\Investigation\Figure\Groundwater Maps\METRO-D5-PR4.dwg



LEGEND

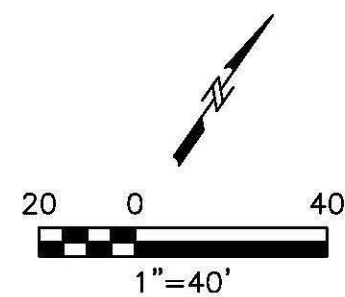
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
- THE MSC FOR DISSOLVED LEAD IS 5 µg/L
- ALL CONCENTRATIONS ARE IN µg/L



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

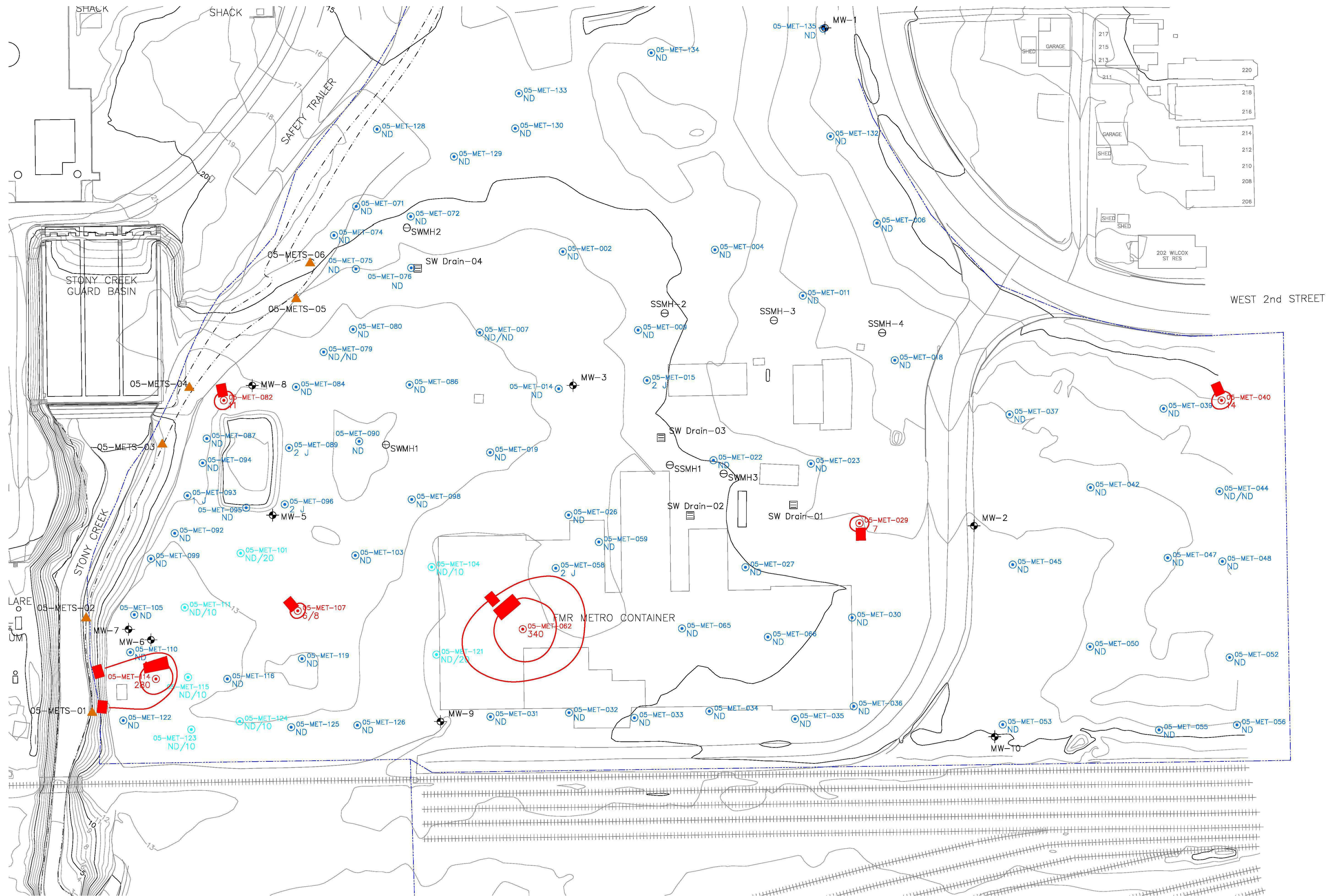
DISSOLVED LEAD ISOCONCENTRATION MAP



FIGURE 4-33

AR100228

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LEGEND

- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

NOTE:

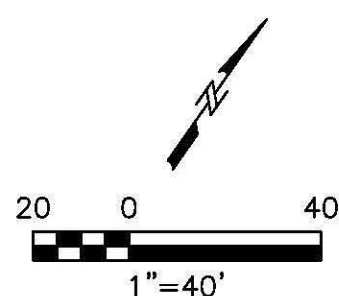
INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST-0125-G.

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
- THE MSC FOR TCE IS 5 µg/L
- ALL CONCENTRATIONS ARE IN µg/L.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

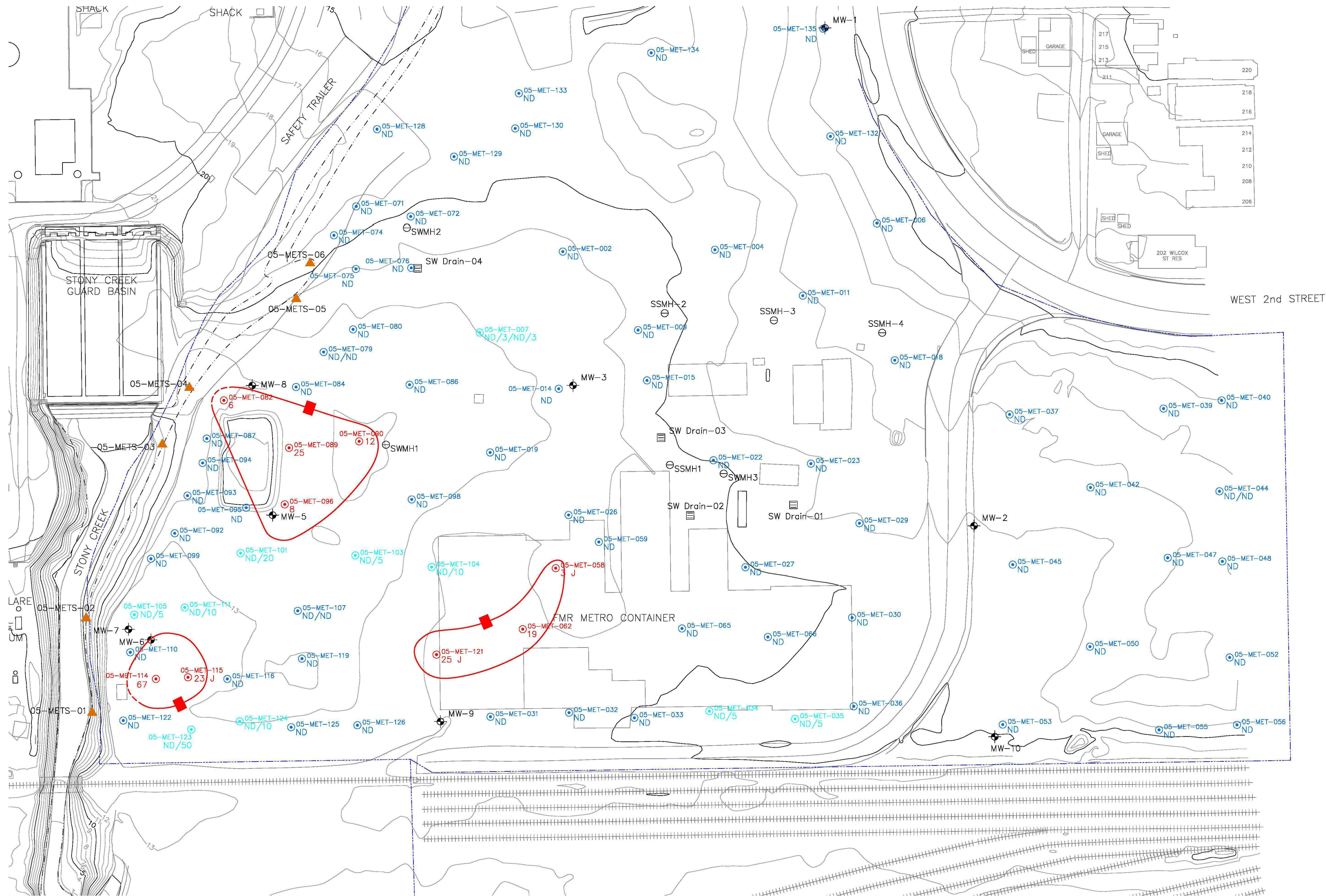
TCE ISOCONCENTRATION MAP



FIGURE 4-35

AR100230

S:\IND PROJECTS\Conceptual\Trainer\Former Metro Containers Investigation\Figure\Groundwater Maps\METRO-VC.dwg



LEGEND

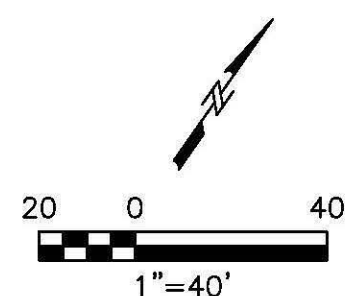
- APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
- RAILROAD TRACKS
- MONITORING WELLS
- SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION
- CATCH BASIN SURVEYED BY MWH
- MANHOLE SURVEYED BY MWH

- 05-MET-09 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT DOES NOT EXCEED MSC)
- 05-MET-10 GEOPROBE® GROUNDWATER SAMPLE LOCATION (RESULT EXCEEDS MSC)
- 05-MET-11 GEOPROBE® GROUNDWATER SAMPLE LOCATION (DETECTION LIMIT EXCEEDS MSC)
- 05-MET-12 GEOPROBE® GROUNDWATER SAMPLE LOCATION (NOT ANALYZED FOR FOR THIS CONSTITUENT)

- ND/5 ANALYTICAL RESULT/DETECTION LIMIT
- ND NOT DETECTED
- NA SAMPLE NOT ANALYZED FOR THIS CONSTITUENT
- NS NOT SAMPLED; NO GROUNDWATER PRESENT IN GEOPROBE® SCREEN WITHIN 48 HOURS OF INSTALLATION
- B THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
- J VALUE IS AN ESTIMATED QUANTITY
- 3 J/2 J SAMPLE / DUPLICATE

NOTE:

- MSC: PA ACT 2 NON-RESIDENTIAL USED AQUIFER GROUNDWATER MEDIUM-SPECIFIC CONCENTRATION.
- THE MSC FOR VINYL CHLORIDE IS 2 µg/L.
- ALL CONCENTRATIONS ARE IN µg/L.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

VINYL CHLORIDE ISOCONCENTRATION MAP



FIGURE 4-36

AR100231

05-METS-03			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
VOCs			
Benzene	0.003 J	NS	
Ethylbenzene	0.003 J	1.1	
Naphthalene	0.16 J	0.176	
Toluene	0.006 J	NS	
Xylenes (total)	0.006 J	NS	
VO TICs	8.01	NS	
BNs			
1,2-Dichlorobenzene	ND/0.075	0.0165	
2,4-Dimethylphenol	ND/0.23	0.029	
2,4-Dinitrotoluene	ND/0.15	0.0416	
2-Chlorophenol	ND/0.075	0.0312	
3,3'-Dichlorobenzidine	ND/0.23	0.127	
Acenaphthene	0.13 J	0.0067	
Acenaphthylene	0.12 J	0.0059	
Anthracene	0.36 J	0.0572	
Benzo(a)anthracene	1.3	0.108	
Benzo(a)pyrene	1.7	0.15	
Benzo(b)fluoranthene	2.7	NS	
Benzo(g,h,i)perylene	1.3	0.17	
Benzo(k)fluoranthene	0.85	0.24	
bis(2-Ethylhexyl) phthalate	3.0	0.18	
Butyl benzyl phthalate	0.39	10.9	
Chrysene	1.9	0.166	
Dibenz(a,h)anthracene	0.38	0.033	
Fluoranthene	2.6	0.423	
Fluorene	0.16 J	0.0774	
Hexachlorobenzene	ND/0.075	0.02	
Indeno(1,2,3-c,d)pyrene	1.3	0.017	
Naphthalene	0.16 J	0.176	
Phenanthrene	1.2	0.204	
Pyrene	3.0	0.195	
SVO TICs	46.03	NS	

05-METS-02			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
VOCs			
Benzene	0.001 J	NS	
cis-1,2-Dichloroethylene	0.003 J	NS	
Naphthalene	0.059 J	0.176	
VO TICs	0.073	NS	
BNs			
1,2-Dichlorobenzene	ND/0.054	0.0165	
1-Methylnaphthalene	0.065 J	NS	
2,4-Dimethylphenol	ND/0.15	0.029	
2,4-Dinitrotoluene	ND/0.11	0.0416	
2-Chlorophenol	ND/0.054	0.0312	
3,3'-Dichlorobenzidine	ND/0.15	0.127	
Acenaphthene	0.062 J	0.0067	
Acenaphthylene	0.14 J	0.0059	
Anthracene	0.23 J	0.0572	
Benzo(a)anthracene	1.1	0.108	
Benzo(a)pyrene	1.3	0.15	
Benzo(b)fluoranthene	1.7	NS	
Benzo(g,h,i)perylene	1.0	0.17	
Benzo(k)fluoranthene	0.50	0.24	
bis(2-Ethylhexyl) phthalate	1.1	0.18	
Butyl benzyl phthalate	0.38	10.9	
Chrysene	1.5	0.166	
Dibenz(a,h)anthracene	0.34	0.033	
Fluoranthene	1.6	0.423	
Fluorene	0.070 J	0.0774	
Hexachlorobenzene	ND/0.054	0.02	
Indeno(1,2,3-c,d)pyrene	0.86	0.017	
Naphthalene	0.059 J	0.176	
Phenanthrene	0.78	0.204	
Pyrene	1.9	0.195	
SVO TICs	28.57	NS	

05-METS-01			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
VOCs			
VO TICs	1.856	NS	
BNs			
1,2-Dichlorobenzene	ND/0.051	0.0165	
2,4-Dimethylphenol	ND/0.15	0.029	
2,4-Dinitrotoluene	ND/0.1	0.0416	
2-Chlorophenol	ND/0.051	0.0312	
3,3'-Dichlorobenzidine	ND/0.15	0.127	
Acenaphthene	ND/0.051	0.0067	
Acenaphthylene	ND/0.051	0.0059	
Anthracene	0.11 J	0.0572	
Benzo(a)anthracene	0.19 J	0.108	
Benzo(a)pyrene	0.13 J	0.15	
Benzo(b)fluoranthene	0.16 J	NS	
Benzo(g,h,i)perylene	0.39	0.17	
Benzo(k)fluoranthene	0.069 J	0.24	
Chrysene	0.15 J	0.166	
Dibenz(a,h)anthracene	0.079 J	0.033	
Fluoranthene	0.22 J	0.423	
Hexachlorobenzene	ND/0.051	0.02	
Indeno(1,2,3-c,d)pyrene	0.14 J	0.017	
Phenanthrene	0.11 J	0.204	
Pyrene	0.27	0.195	
SVO TICs	24.82	NS	

05-METS-05			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
VOCs			
VO TICs	0.284	NS	
BNs			
1,2-Dichlorobenzene	ND/0.08	0.0165	
2,4-Dimethylphenol	ND/0.24	0.029	
2,4-Dinitrotoluene	ND/0.16	0.0416	
2-Chlorophenol	ND/0.08	0.0312	
3,3'-Dichlorobenzidine	ND/0.24	0.127	
Acenaphthene	ND/0.08	0.0067	
Acenaphthylene	0.13 J	0.0059	
Anthracene	0.31 J	0.0572	
Benzo(a)anthracene	1.1	0.108	
Benzo(a)pyrene	1.4	0.15	
Benzo(b)fluoranthene	2.2	NS	
Benzo(g,h,i)perylene	1.1	0.17	
Benzo(k)fluoranthene	0.77	0.24	
bis(2-Ethylhexyl) phthalate	3.0	0.18	
Butyl benzyl phthalate	0.39 J	10.9	
Chrysene	1.6	0.166	
Dibenz(a,h)anthracene	0.33 J	0.033	
Fluoranthene	2.1	0.423	
Fluorene	0.11 J	0.0774	
Hexachlorobenzene	ND/0.08	0.02	
Indeno(1,2,3-c,d)pyrene	1.0	0.017	
Phenanthrene	1.1	0.204	
Pyrene	3.1	0.195	
SVO TICs	84.3	NS	

05-METS-04			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
VOCs			
Benzene	0.002 J	NS	
Chlorobenzene	0.009 J	0.00842	
Ethylbenzene	0.007 J	1.1	
Methyl tert-Butyl ether (MTBE)	0.002 J	NS	
Toluene	0.006 J	NS	
Xylenes (total)	0.013 J	NS	
VO TICs	14.78	NS	
BNs			
1,2-Dichlorobenzene	ND/0.083	0.0165	
1-Methylnaphthalene	0.083 J	NS	
2,4-Dimethylphenol	ND/0.25	0.029	
2,4-Dinitrotoluene	ND/0.17	0.0416	
2-Chlorophenol	ND/0.083	0.0312	
3,3'-Dichlorobenzidine	ND/0.25	0.127	
Acenaphthene	0.13 J	0.0067	
Acenaphthylene	0.16 J	0.0059	
Anthracene	0.38 J	0.0572	
Benzo(a)anthracene	1.3	0.108	
Benzo(a)pyrene	1.5	0.15	
Benzo(b)fluoranthene	2.3	NS	
Benzo(g,h,i)perylene	1.2	0.17	
Benzo(k)fluoranthene	1.0	0.24	
bis(2-Ethylhexyl) phthalate	3.8	0.18	
Butyl benzyl phthalate	0.43	10.9	
Chrysene	1.9	0.166	
Dibenz(a,h)anthracene	0.29 J	0.033	
Fluoranthene	2.5	0.423	
Fluorene	0.18 J	0.0774	
Hexachlorobenzene	ND/0.083	0.02	
Indeno(1,2,3-c,d)pyrene	1.1	0.017	
Phenanthrene	1.2	0.204	
Pyrene	3.4	0.195	
SVO TICs	148.8	NS	

05-METS-06			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
VOCs			
cis-1,2-Dichloroethylene	0.008	NS	
Naphthalene	0.24 J	0.176	
VO TICs	0.829	NS	
BNs			
1,2-Dichlorobenzene	0.072 J	0.0165	
1-Methylnaphthalene	0.15 J	NS	
2,4-Dimethylphenol	ND/0.15	0.029	
2,4-Dinitrotoluene	ND/0.1	0.0416	
2-Chlorophenol	ND/0.052	0.0312	
3,3'-Dichlorobenzidine	ND/0.15	0.127	
Acenaphthene	0.38	0.0067	
Acenaphthylene	0.29	0.0059	
Anthracene	1.1	0.0572	
Benzo(a)anthracene	1.3	0.108	
Benzo(a)pyrene	2.2	0.15	
Benzo(b)fluoranthene	2.8	NS	
Benzo(g,h,i)perylene	1.3	0.17	
Benzo(k)fluoranthene	1.2	0.24	
bis(2-Ethylhexyl) phthalate	1.8	0.18	
Butyl benzyl phthalate	0.23 J	10.9	
Chrysene	2.9	0.166	
Dibenz(a,h)anthracene	0.48	0.033	
Fluoranthene	4.0	0.423	
Fluorene	0.55	0.0774	
Hexachlorobenzene	ND/0.052	0.02	
Indeno(1,2,3-c,d)pyrene	1.2	0.017	
Naphthalene	0.24 J	0.176	
Phenanthrene	3.3	0.204	
Pyrene	4.7	0.195	
SVO TICs	95.9	NS	

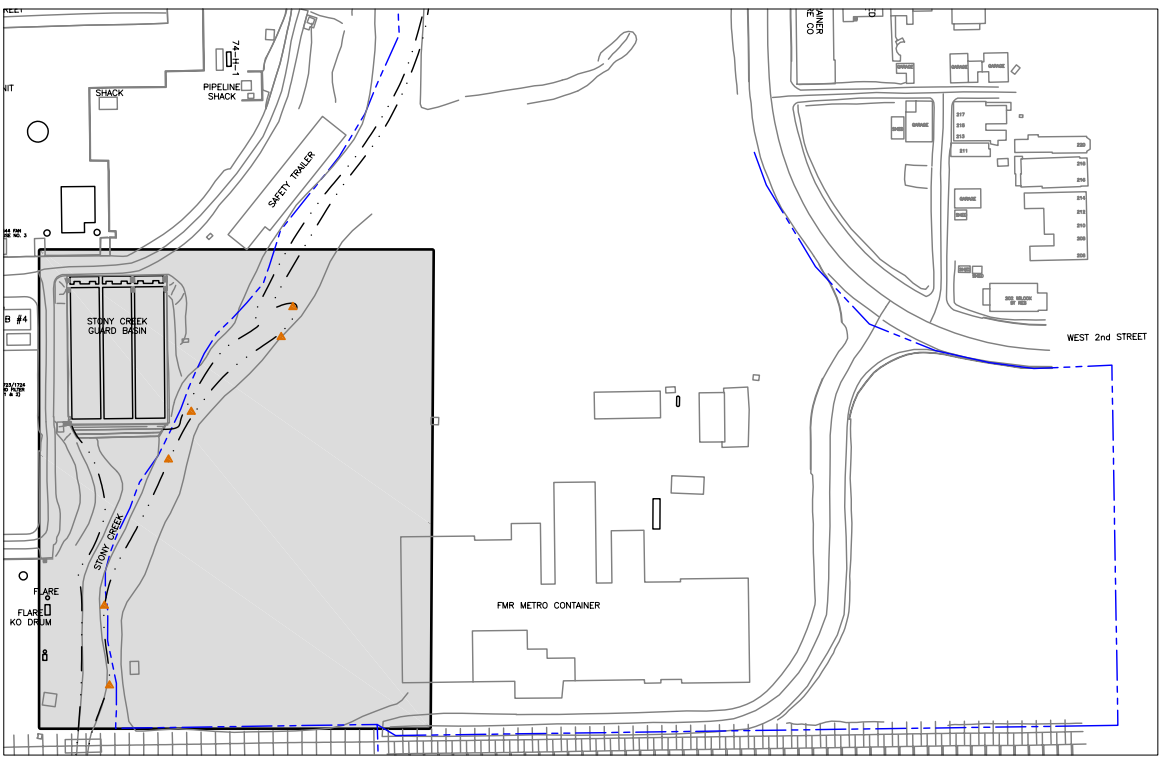
LEGEND	
-----	APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
+++++	RAILROAD TRACKS
+	MONITORING WELLS
▲	SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION-AUGUST 15, 2005
☐	CATCH BASIN SURVEYED BY MWH
○	MANHOLE SURVEYED BY MWH
○	SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION-AUGUST 2005
23	ANALYTICAL RESULT DOES NOT EXCEED MSC
ND/5	DETECTION LIMIT EXCEEDS MSC
1500	ANALYTICAL RESULT EXCEEDS MSC
ND/5	ANALYTICAL RESULT/DETECTION LIMIT
ND	NOT DETECTED
B	THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
J	VALUE IS AN ESTIMATED QUANTITY
05-MET-065/065A	SAMPLE/DUPLICATE SAMPLE
4.3 / 5.5	ANALYTICAL RESULT/DUPLICATE RESULT

NOTE:

1. ALL CONCENTRATIONS ARE IN Mg/Kg.
2. THE SEDIMENT CRITERIA USED FOR COMPARISON TO THE SITE ANALYTICAL RESULTS ARE THE EPA REGION 3 FRESHWATER SEDIMENT SCREENING BENCHMARKS. IN THE ABSENCE OF EPA REGION 3 CRITERIA FOR PCB APOCLOS, THE NUPER FRESHWATER SEDIMENT SCREENING GUIDELINES WERE USED.

NOTE:

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST-0125-G.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

ORGANIC ANALYTICAL RESULT MAP -
STONY CREEK SEDIMENT



FIGURE 4-37

AR100232

05-METS-03			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
GENERAL CHEMISTRY			
Cyanide	ND/0.39	0.1	
PESTICIDES/PCBs			
Aldrin	ND/0.00767	0.002	
Alpha BHC	ND/0.00767	0.006	
Beta BHC	ND/0.00767	0.005	
Chlordane	0.320 J	0.00324	
Dieldrin	ND/0.0767	0.0019	
Endosulfan I	ND/0.00767	0.0029	
Endosulfan II	ND/0.0149	0.014	
Endosulfan Sulfate	ND/0.0149	0.0054	
Endrin	ND/0.0149	0.00222	
Gamma BHC - Lindane	ND/0.00767	0.00237	
Heptachlor Epoxide	ND/0.00767	0.00247	
Methoxychlor	ND/0.0767	0.0187	
p,p-DDD	0.375	0.00488	
p,p-DDE	ND/0.0767	0.00316	
p,p-DDT	0.738	NS	
PCB-1016 (Arochlor 1016)	ND/0.334	0.007	
PCB-1248 (Arochlor 1248)	1.68	0.03	
PCB-1254 (Arochlor 1254)	0.598 J	0.06	
PCB-1260 (Arochlor 1260)	0.944 J	0.005	
Toxaphene	ND/0.497	0.001	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	7.75	9.8	
Beryllium	0.984 J	NS	
Cadmium	1.68	0.99	
Chromium	69.1	43.4	
Copper	111	31.6	
Lead	374	35.8	
Mercury	6.327	0.18	
Nickel	46.3	22.7	
Selenium	ND/2.1	2	
Silver	0.747 J	1	
Zinc	443	121	

05-METS-02			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
GENERAL CHEMISTRY			
Cyanide	ND/0.29	0.1	
PESTICIDES/PCBs			
Aldrin	ND/0.00553	0.002	
Beta BHC	ND/0.00553	0.005	
Chlordane	0.342 J	0.00324	
Dieldrin	ND/0.0959	0.0019	
Endosulfan I	ND/0.00553	0.0029	
Endosulfan Sulfate	ND/0.0107	0.0054	
Endrin	ND/0.0107	0.00222	
Gamma BHC - Lindane	ND/0.00553	0.00237	
Heptachlor Epoxide	ND/0.027	0.00247	
Methoxychlor	ND/0.0553	0.0187	
p,p-DDD	0.328	0.00488	
p,p-DDE	ND/0.078	0.00316	
p,p-DDT	0.586	NS	
PCB-1016 (Arochlor 1016)	ND/0.241	0.007	
PCB-1248 (Arochlor 1248)	ND/0.358	0.03	
PCB-1254 (Arochlor 1254)	1.30	0.06	
PCB-1260 (Arochlor 1260)	0.570 J	0.005	
Toxaphene	ND/0.358	0.001	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	7.87	9.8	
Beryllium	1.18	NS	
Cadmium	2.82	0.99	
Chromium	88.6	43.4	
Copper	101	31.6	
Lead	274	35.8	
Mercury	6.528	0.18	
Nickel	52.6	22.7	
Thallium	2.46 J	NS	
Zinc	530	121	

05-METS-01			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
GENERAL CHEMISTRY			
Cyanide	ND/0.27	0.1	
PESTICIDES/PCBs			
Aldrin	ND/0.0026	0.002	
Chlordane	ND/0.0612	0.00324	
Dieldrin	ND/0.00505	0.0019	
Endrin	ND/0.00505	0.00222	
Gamma BHC - Lindane	ND/0.0026	0.00237	
Heptachlor Epoxide	ND/0.0026	0.00247	
Methoxychlor	ND/0.026	0.0187	
p,p-DDD	0.0138 J	0.00488	
p,p-DDE	ND/0.00505	0.00316	
PCB-1016 (Arochlor 1016)	ND/0.113	0.007	
PCB-1248 (Arochlor 1248)	ND/0.168	0.03	
PCB-1260 (Arochlor 1260)	ND/0.168	0.005	
Toxaphene	ND/0.168	0.001	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Arsenic	6.15	9.8	
Beryllium	1.39	NS	
Cadmium	0.335 J	0.99	
Chromium	38.4	43.4	
Copper	21.1	31.6	
Lead	52.5	35.8	
Mercury	0.0785 J	0.18	
Nickel	29.1	22.7	
Thallium	1.85 J	NS	
Zinc	185	121	

05-METS-05			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
GENERAL CHEMISTRY			
Cyanide	ND/0.42	0.1	
PESTICIDES/PCBs			
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.6 J	NS	
Aldrin	ND/0.00819	0.002	
Alpha BHC	ND/0.00819	0.006	
Beta BHC	ND/0.00819	0.005	
Chlordane	ND/0.193	0.00324	
Dieldrin	ND/0.0159	0.0019	
Endosulfan I	ND/0.00819	0.0029	
Endosulfan II	ND/0.0159	0.014	
Endosulfan Sulfate	ND/0.0159	0.0054	
Endrin	ND/0.0159	0.00222	
Gamma BHC - Lindane	ND/0.00819	0.00237	
Heptachlor Epoxide	ND/0.00819	0.00247	
Methoxychlor	ND/0.0819	0.0187	
p,p-DDD	0.382	0.00488	
p,p-DDE	ND/0.0819	0.00316	
PCB-1016 (Arochlor 1016)	ND/0.357	0.007	
PCB-1248 (Arochlor 1248)	ND/0.53	0.03	
PCB-1254 (Arochlor 1254)	0.769 J	0.06	
PCB-1260 (Arochlor 1260)	0.718 J	0.005	
Toxaphene	ND/0.53	0.001	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.16E-05 J	8.5E-07	
METALS			
Arsenic	71.3	9.8	
Beryllium	0.680 J	NS	
Cadmium	3.32	0.99	
Chromium	226	43.4	
Copper	148	31.6	
Lead	193	35.8	
Mercury	0.675	0.18	
Nickel	27.6	22.7	
Selenium	4.24 J	2	
Thallium	4.21 J	NS	
Zinc	358	121	

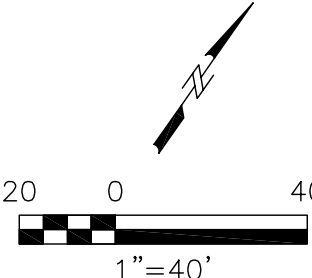
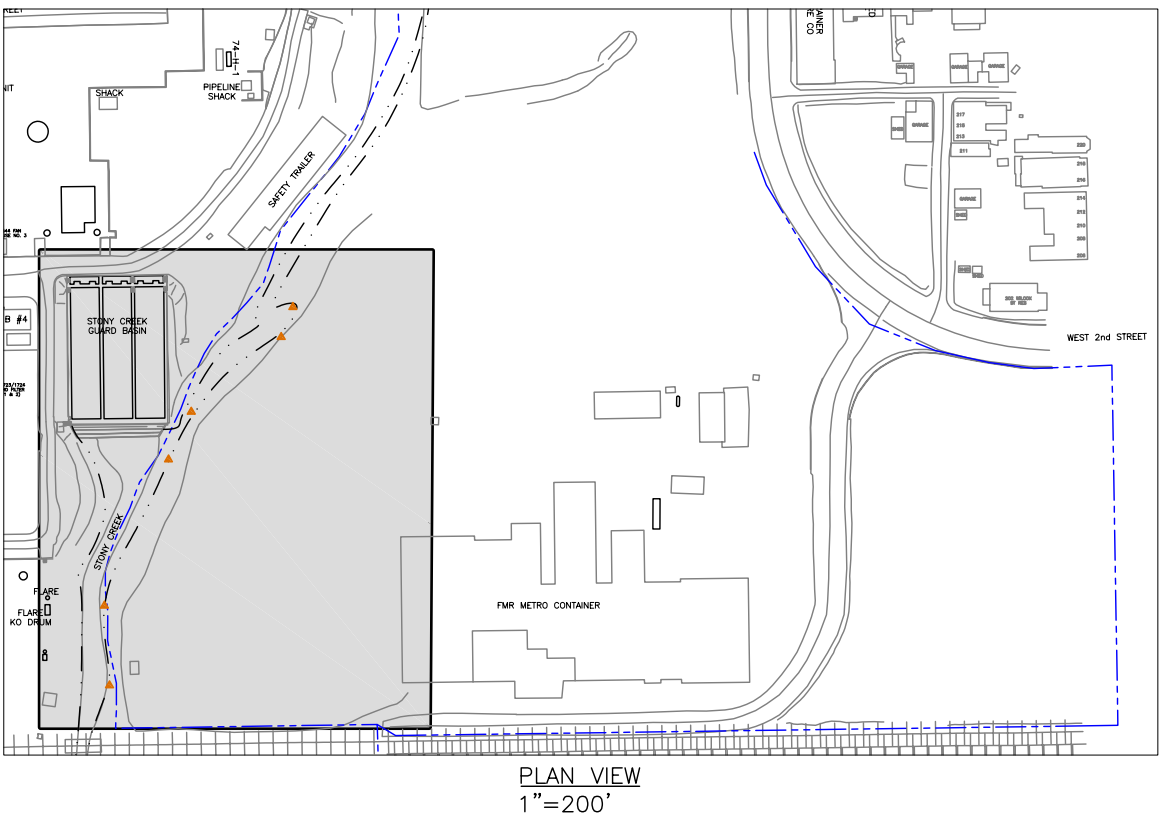
05-METS-04			
Sample Depth (ft)	0-0.5		
(mg/kg)	RESULT	Criteria	
GENERAL CHEMISTRY			
Cyanide	ND/0.44	0.1	
PESTICIDES/PCBs			
Aldrin	ND/0.00846	0.002	
Alpha BHC	ND/0.00846	0.006	
Beta BHC	ND/0.00846	0.005	
Chlordane	0.354 J	0.00324	
Dieldrin	ND/0.0846	0.0019	
Endosulfan I	ND/0.00846	0.0029	
Endosulfan II	ND/0.0164	0.014	
Endosulfan Sulfate	ND/0.0164	0.0054	
Endrin	ND/0.0164	0.00222	
Gamma BHC - Lindane	ND/0.00846	0.00237	
Heptachlor Epoxide	ND/0.00846	0.00247	
Methoxychlor	ND/0.0846	0.0187	
p,p-DDD	1.53	0.00488	
p,p-DDE	ND/0.0846	0.00316	
p,p-DDT	2.43	NS	
PCB-1016 (Arochlor 1016)	ND/0.368	0.007	
PCB-1248 (Arochlor 1248)	ND/0.547	0.03	
PCB-1254 (Arochlor 1254)	0.463 J	0.06	
PCB-1260 (Arochlor 1260)	0.749 J	0.005	
Toxaphene	ND/0.547	0.001	
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA		
METALS			
Antimony	ND/2.02	2	
Arsenic	7.56	9.8	
Beryllium	1.05 J	NS	
Cadmium	2.00	0.99	
Chromium	70.7	43.4	
Copper	106	31.6	
Lead	162	35.8	
Mercury	0.286	0.18	
Nickel	47.2	22.7	
Selenium	ND/2.36	2	
Thallium	2.42 J	NS	
Zinc	503	121	

05-METS-06		
Sample Depth (ft)	0-0.5	
(mg/kg)	RESULT	Criteria
GENERAL CHEMISTRY		
Cyanide	ND/0.27	0.1
PESTICIDES/PCBs		
Aldrin	ND/0.00533	0.002
Beta BHC	ND/0.00533	0.005
Chlordane	ND/0.533	0.00324
Dieldrin	ND/0.0815	0.0019
Endosulfan I	ND/0.00533	0.0029
Endosulfan Sulfate	ND/0.0103	0.0054
Endrin	ND/0.00533	0.00222
Gamma BHC - Lindane	ND/0.00533	0.00237
Heptachlor Epoxide	ND/0.00533	0.00247
Methoxychlor	ND/0.0762	0.0187
p,p-DDD	ND/0.0762	0.00488
p,p-DDE	ND/0.094	0.00316
PCB-1016 (Arochlor 1016)	ND/0.232	0.007
PCB-1248 (Arochlor 1248)	3.30	0.03
PCB-1254 (Arochlor 1254)	2.65	0.06
PCB-1260 (Arochlor 1260)	2.14	0.005
Toxaphene	ND/0.345	0.001
2,3,7,8-Tetrachlorodibenzo-p-dioxin	NA	
METALS		
Antimony	1.31 J	2
Arsenic	12.4	9.8
Beryllium	0.967	NS
Cadmium	2.62	0.99
Chromium	80.9	43.4
Copper	89.6	31.6
Lead	261	35.8
Mercury	0.548	0.18
Nickel	43.1	22.7
Selenium	1.60 J	2
Thallium	2.79 J	NS
Zinc	405	121

LEGEND	
-----	APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)
+++++	RAILROAD TRACKS
+	MONITORING WELLS
▲	SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION-AUGUST 15, 2005
⊕	CATCH BASIN SURVEYED BY MWH
⊖	MANHOLE SURVEYED BY MWH
⊙	SITE CHARACTERIZATION MWH GEOPROBE® SOIL SAMPLE LOCATION-AUGUST 2005
23	ANALYTICAL RESULT DOES NOT EXCEED MSC
ND/5	DETECTION LIMIT EXCEEDS MSC
1500	ANALYTICAL RESULT EXCEEDS MSC
ND/5	ANALYTICAL RESULT/DETECTION LIMIT
ND	NOT DETECTED
B	THE BLANK ASSOCIATED WITH THIS SAMPLE CONTAINED THIS COMPOUND
J	VALUE IS AN ESTIMATED QUANTITY
05-MET-065/065A	SAMPLE/DUPLICATE SAMPLE
4.3 / 5.5	ANALYTICAL RESULT/DUPLICATE RESULT
NA	NOT ANALYZED

NOTE:

- ALL CONCENTRATIONS ARE IN Mg/Kg.
- THE SEDIMENT CRITERIA USED FOR COMPARISON TO THE SITE ANALYTICAL RESULTS ARE THE EPA REGION 3 FRESHWATER SEDIMENT SCREENING BENCHMARKS. IN THE ABSENCE OF EPA REGION 3 CRITERIA FOR PCB AROCLORS, THE NJDEP FRESHWATER SEDIMENT SCREENING GUIDELINES WERE USED.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

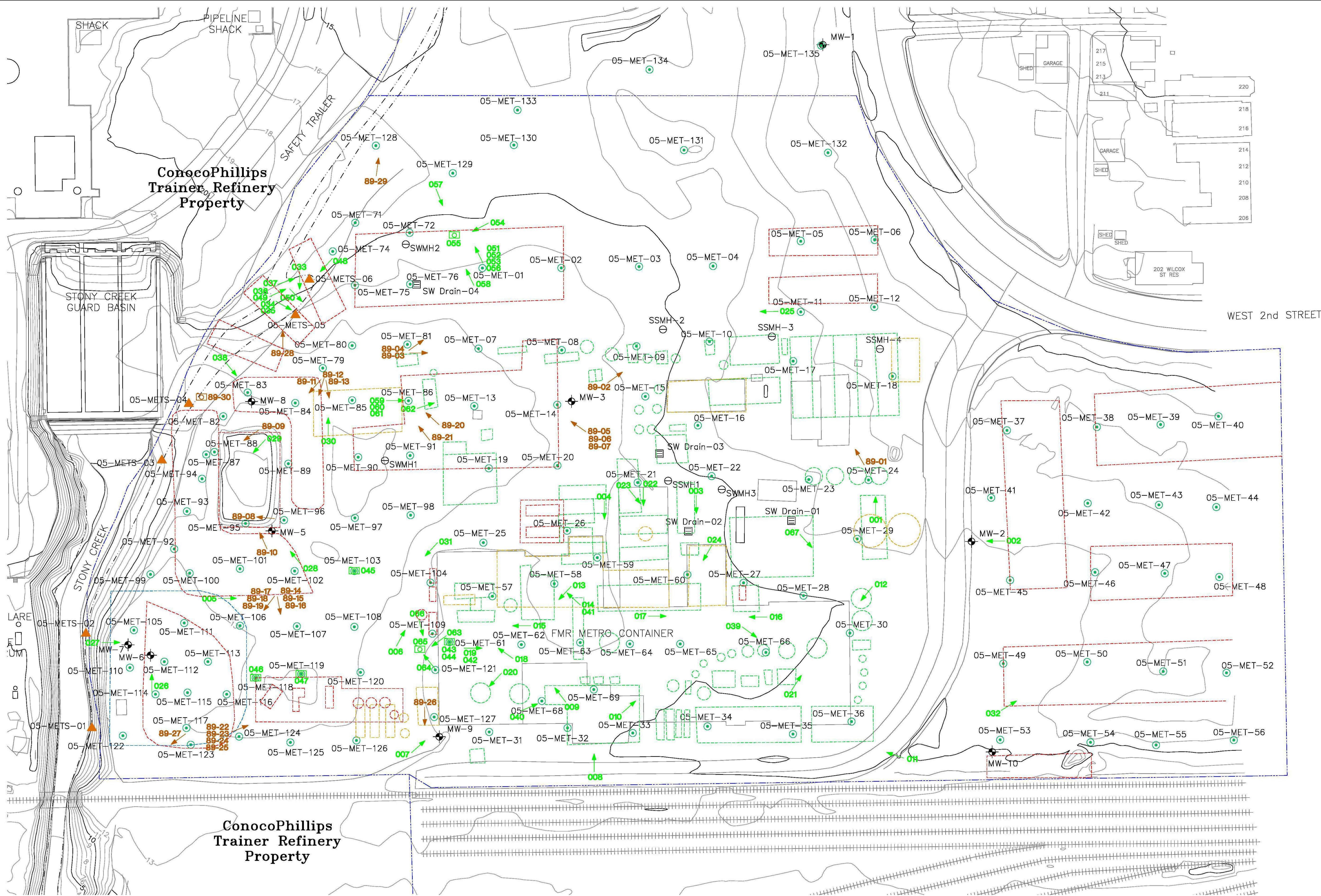
INORGANIC ANALYTICAL RESULT MAP -
STONY CREEK SEDIMENT
















MWH

FIGURE 4-38

INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST-0125-G.

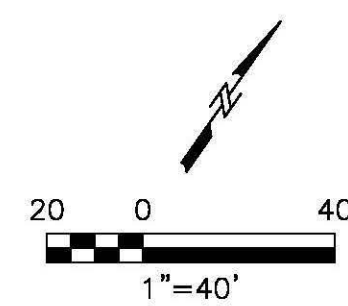
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LEGEND			
	APPROXIMATE PROPERTY BOUNDARY (INCLUDES RIGHT-OF-WAYS)		CATCH BASIN SURVEYED BY MWH
	RAILROAD TRACKS		MANHOLE SURVEYED BY MWH
	HISTORICAL BUILDING OUTLINE AS OF 1917		
	HISTORICAL BUILDING OUTLINE AS OF 1950		ORIENTATION AND ID NUMBER OF 2005 SITE CHARACTERIZATION PHOTOGRAPHS
	HISTORICAL BUILDING/DRUM STORAGE/IMPONDEMENT FEATURE OUTLINE AS OF 1988		LOCATION AND ID NUMBER OF 2005 SITE CHARACTERIZATION PHOTOGRAPHS
	HISTORICAL STAUFFER CHEMICAL DISPOSAL LAAGOON		
	MONITORING WELLS		ORIENTATION AND ID NUMBER OF JANUARY 1989 USEPA PHOTOGRAPHS
	SITE CHARACTERIZATION SOIL AND GROUNDWATER SAMPLING LOCATION		LOCATION AND ID NUMBER OF JANUARY 1989 USEPA PHOTOGRAPHS
	SITE CHARACTERIZATION SEDIMENT SAMPLE LOCATION		

NOTE:
INVESTIGATION SCOPE OF WORK AND INTERPRETATION OF DATA BY
PENNSYLVANIA PROFESSIONAL GEOLOGIST-0125-G.

ALL 2005 PHOTOGRAPHS TAKEN BY [REDACTED]
ON 8/25-26/04; 2/1/05; 8/9-22/05; 9/20/05.



SITE CHARACTERIZATION INVESTIGATION RESULTS
TRAINER INDUSTRIES/FORMER METRO CONTAINER CORPORATION
TRAINER, PENNSYLVANIA

LOCATION AND ORIENTATION OF
SITE CHARACTERIZATION PHOTOGRAPHS



FIGURE A-1

AR100234