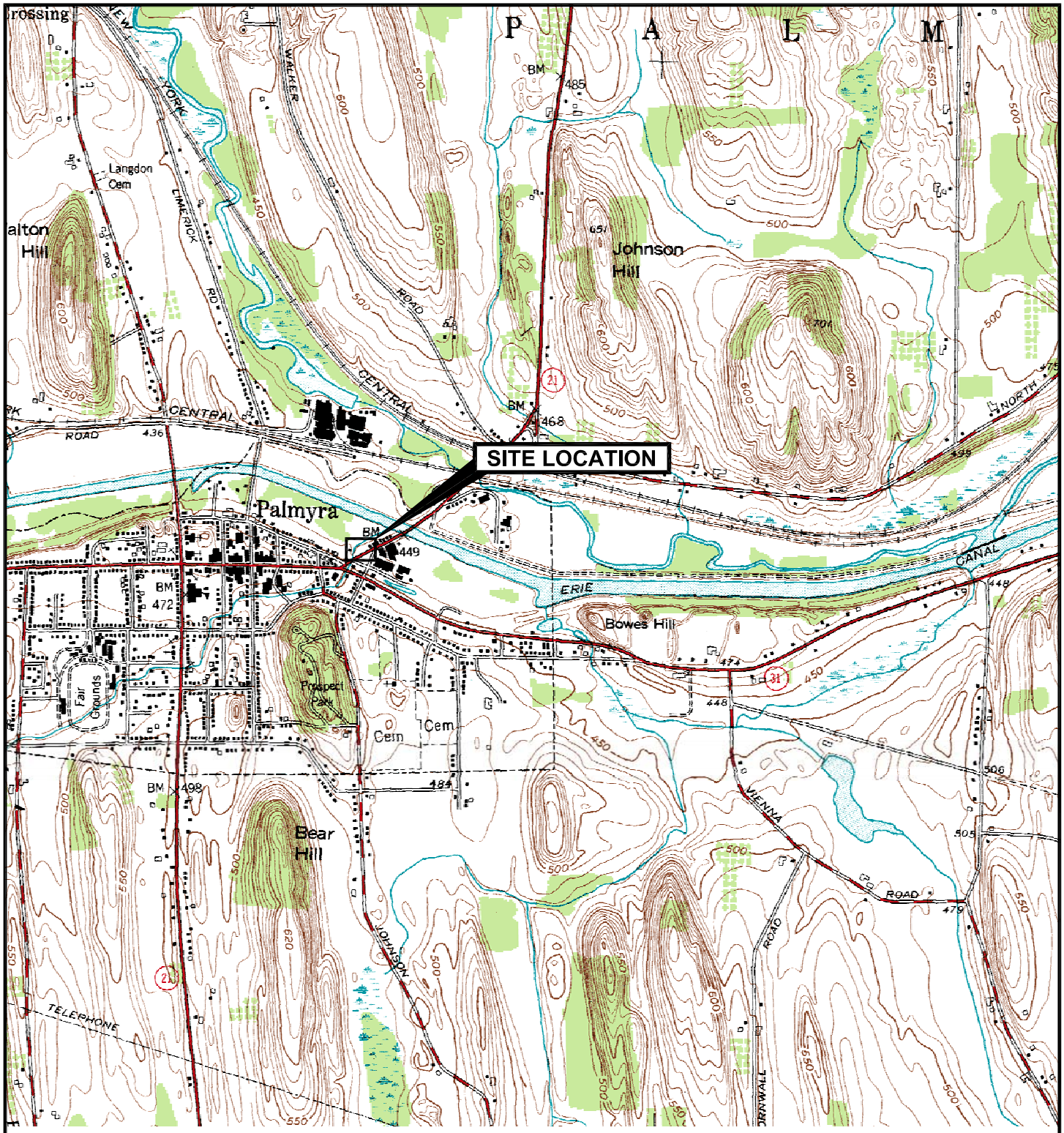


UNITED STATES GEOLOGIC SURVEY
PALMYRA QUADRANGLE
NEW YORK
7.5 MINUTE SERIES (TOPOGRAPHY)

PALMYRA, N.Y.
1952

SCALE 1:24000

1 0 1 MILE

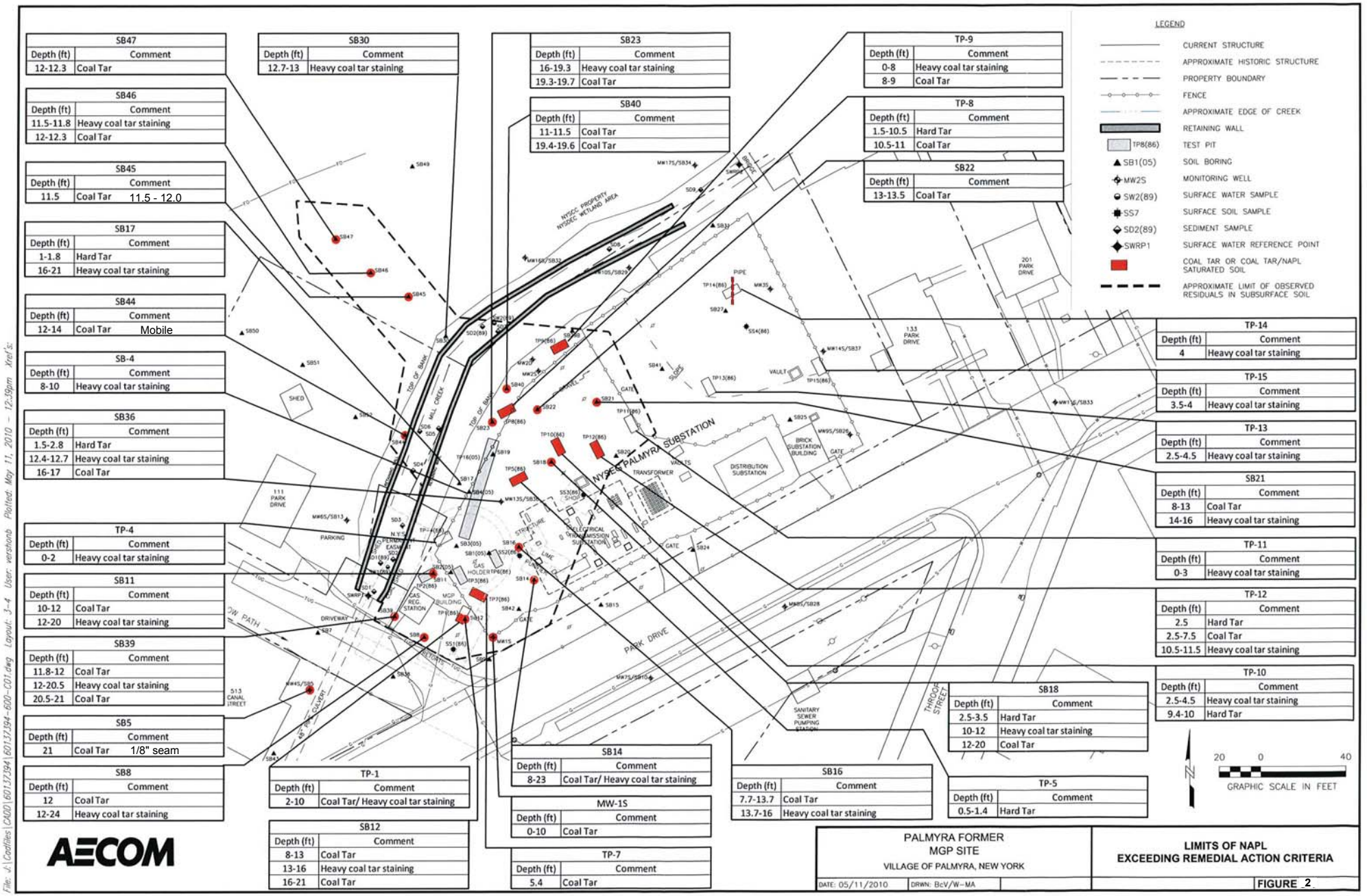
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

N

AECOM

PALMYRA FORMER MGP SITE VILLAGE OF PALMYRA, NEW YORK	SITE LOCATION MAP
DATE: 08/28/09 DRWN: MAW/BIL	FIGURE 1

File: J:\Cadfiles\CADD\04964\04964-034-600\FS-REPORT\FIG1-1.dwg Layout: ANSI_AVI-LJ User: vershonb Plotted: Aug 27, 2009 - 3:48pm Xref's:


SB47
Depth (ft) | Comment
12-12.3 | Coal Tar
SB46
Depth (ft) | Comment
11.5-11.8 | Heavy coal tar staining
12-12.3 | Coal Tar
SB45
Depth (ft) | Comment
11.5 | Coal Tar 11.5 - 12.0
SB17
Depth (ft) | Comment
1-1.8 | Hard Tar
16-21 | Heavy coal tar staining
SB44
Depth (ft) | Comment
12-14 | Coal Tar Mobile
SB-4
Depth (ft) | Comment
8-10 | Heavy coal tar staining
SB36
Depth (ft) | Comment
1.5-2.8 | Hard Tar
12.4-12.7 | Heavy coal tar staining
16-17 | Coal Tar
TP-4
Depth (ft) | Comment
0-2 | Heavy coal tar staining
SB11
Depth (ft) | Comment
10-12 | Coal Tar
12-20 | Heavy coal tar staining
SB39
Depth (ft) | Comment
11.8-12 | Coal Tar
12-20.5 | Heavy coal tar staining
20.5-21 | Coal Tar
SB5
Depth (ft) | Comment
21 | Coal Tar 1/8" seam
SB8
Depth (ft) | Comment
12 | Coal Tar
12-24 | Heavy coal tar staining
SB30
Depth (ft) | Comment
12.7-13 | Heavy coal tar staining
SB23
Depth (ft) | Comment
16-19.3 | Heavy coal tar staining
19.3-19.7 | Coal Tar
SB40
Depth (ft) | Comment
11-11.5 | Coal Tar
19.4-19.6 | Coal Tar
TP-9
Depth (ft) | Comment
0-8 | Heavy coal tar staining
8-9 | Coal Tar
TP-8
Depth (ft) | Comment
1.5-10.5 | Hard Tar
10.5-11 | Coal Tar
SB22
Depth (ft) | Comment
13-13.5 | Coal Tar
LEGEND
CURRENT STRUCTURE
APPROXIMATE HISTORIC STRUCTURE
PROPERTY BOUNDARY
FENCE
APPROXIMATE EDGE OF CREEK
RETAINING WALL
TP8(86) TEST PIT
SB1(05) SOIL BORING
MW2S MONITORING WELL
SW2(89) SURFACE WATER SAMPLE
SS7 SURFACE SOIL SAMPLE
SD2(89) SEDIMENT SAMPLE
SWRP1 SURFACE WATER REFERENCE POINT
COAL TAR OR COAL TAR/NAPL SATURATED SOIL
APPROXIMATE LIMIT OF OBSERVED RESIDUALS IN SUBSURFACE SOIL
TP-14
Depth (ft) | Comment
4 | Heavy coal tar staining
TP-15
Depth (ft) | Comment
3.5-4 | Heavy coal tar staining
TP-13
Depth (ft) | Comment
2.5-4.5 | Heavy coal tar staining
SB21
Depth (ft) | Comment
8-13 | Coal Tar
14-16 | Heavy coal tar staining
TP-11
Depth (ft) | Comment
0-3 | Heavy coal tar staining
TP-12
Depth (ft) | Comment
2.5 | Hard Tar
2.5-7.5 | Coal Tar
10.5-11.5 | Heavy coal tar staining
TP-10
Depth (ft) | Comment
2.5-4.5 | Heavy coal tar staining
9.4-10 | Hard Tar
SB18
Depth (ft) | Comment
2.5-3.5 | Hard Tar
10-12 | Heavy coal tar staining
12-20 | Coal Tar
TP-5
Depth (ft) | Comment
0.5-1.4 | Hard Tar
SB16
Depth (ft) | Comment
7.7-13.7 | Coal Tar
13.7-16 | Heavy coal tar staining
SB14
Depth (ft) | Comment
8-23 | Coal Tar/ Heavy coal tar staining
MW-1S
Depth (ft) | Comment
0-10 | Coal Tar
TP-7
Depth (ft) | Comment
5.4 | Coal Tar
TP-1
Depth (ft) | Comment
2-10 | Coal Tar/ Heavy coal tar staining
SB12
Depth (ft) | Comment
8-13 | Coal Tar
13-16 | Heavy coal tar staining
16-21 | Coal Tar
NYSEG PALMYRA SUBSTATION
PARK DRIVE
TOP OF BANK
MILL CREEK
201 PARK DRIVE
133 PARK DRIVE
111 PARK DRIVE
513 CANAL STREET
THROOP STREET
20 0 40
GRAPHIC SCALE IN FEET
AECOM
PALMYRA FORMER
MGP SITE
VILLAGE OF PALMYRA, NEW YORK
DATE: 05/11/2010
DRWN: BcV/W-MA
LIMITS OF NAPL
EXCEEDING REMEDIAL ACTION CRITERIA
FIGURE 2
File: s:\Cadfiles\CADD\60137394\60137394-600-C01.dwg Layout: 3-4 User: vershonb Plotted: May 11, 2010 - 12:39pm Xref's:

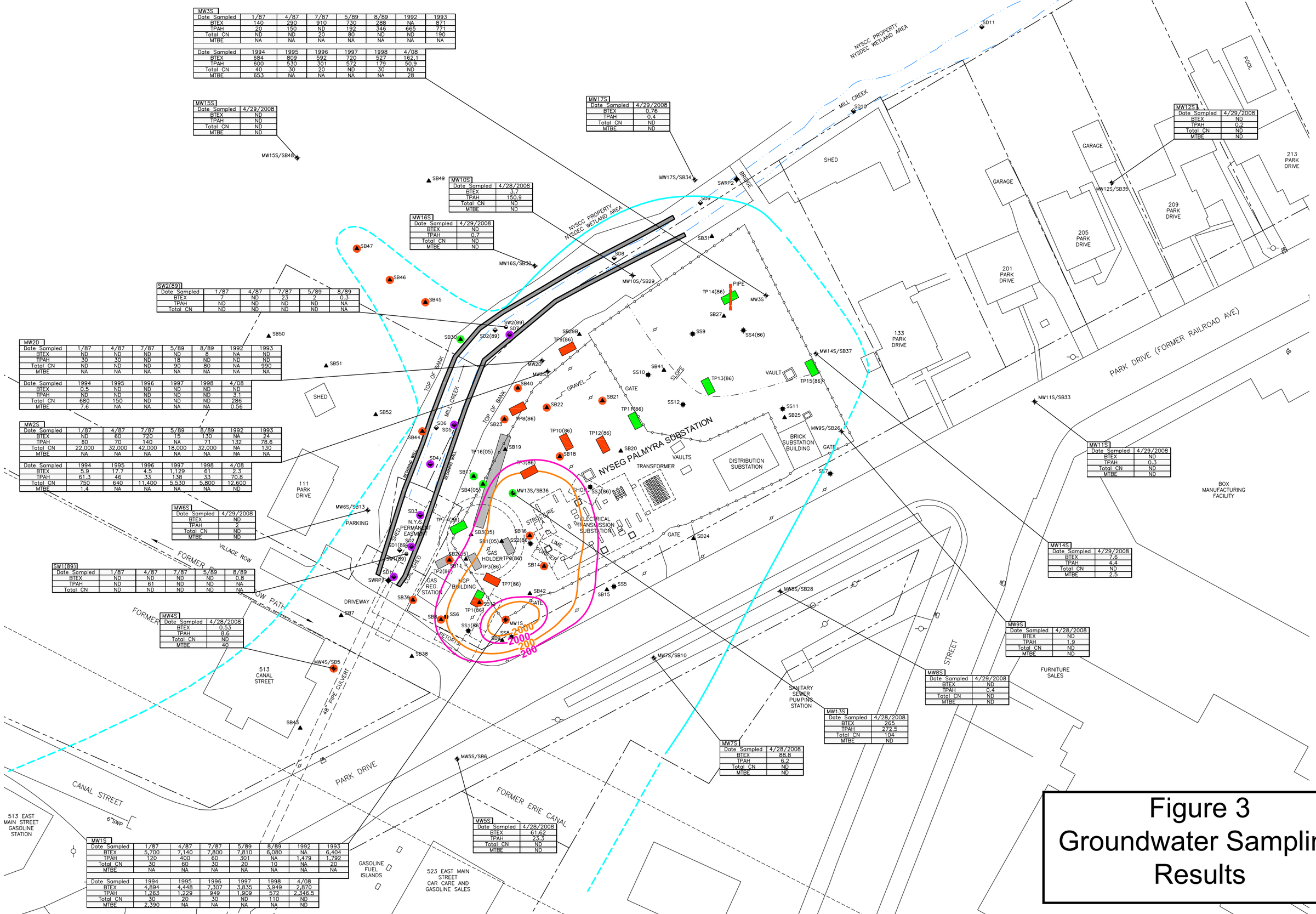


Figure 3
Groundwater Sampling Results

LEGEND

- NAPL EXTRACTION WELL
- LIMIT OF SEDIMENT EXCAVATION
- LIMIT OF SURFACE SOIL EXCAVATION
- LIMIT OF SUBSURFACE SOIL EXCAVATION
- LIMIT OF MNA
- CONTAINMENT BARRIER
- CURRENT STRUCTURE
- APPROXIMATE HISTORIC STRUCTURE
- PROPERTY BOUNDARY
- FENCE
- APPROXIMATE EDGE OF CREEK
- RETAINING WALL
- WATER LINE
- SANITARY SEWER
- GAS LINE
- UNDERGROUND TELEPHONE
- FIBER OPTIC CABLE

NYSCC PROPERTY
NYSDEC WETLAND AREA
BRIDGE
SHED
TOP OF BANK
MILL CREEK
RETAINING WALL
111 PARK DRIVE
FORMER ERIE CANAL TOW PATH
VILLAGE ROW
FORMER ERIE CANAL
PARKING
GRAVEL
PIPE
GATE
SLOPE
ISS OF SUBSURFACE STRUCTURE
NYSEG PALMYRA SUBSTATION
COAL SHED
DRIVEWAY
GAS REG. STATION
MGP BUILDING
GAS HOLDER
STRUCTURE 1A
SHOP
TRANSFORMER
VAULTS
VAULT
LIME
ELECTRICAL TRANSMISSION SUBSTATION
DISTRIBUTION SUBSTATION
BRICK SUBSTATION BUILDING
513 CANAL STREET
48" PIPE CULVERT
CB
133 PARK DRIVE
PARK DRIVE

15 0 30
GRAPHIC SCALE IN FEET

NO	DRWN	DATE	REVISION	CHKD	DATE	APPVD	DATE
7							
6							
5							
4							
3							
2							
1							
0	BcV	08/28/09	FEASIBILITY STUDY				

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NEW YORK STATE ELECTRIC & GAS CORPORATION
PALMYRA FORMER MGP SITE
VILLAGE OF PALMYRA, NEW YORK

PROJ. NUMBER: 04964-034-600

DATE: 09/15/09

ALTERNATIVE O-2
PARTIAL EXCAVATION AND NAPL CONTAINMENT

DRAWING NUMBER 4

SHEET NUMBER:

REVISION 0

File: J:\Cadfiles\CAD\04964\04964-034-600\FS-REPORT_fs-15\04964-034-600-026.dwg Layout: ALT0-2 User: wzimmer PltStat: Sep 15, 2009 - 3:13pm Xref's:

NO	DRWN	DATE	REVISION	CHKD	DATE	APPVD	DATE
7							
6							
5							
4							
3							
2							
1							
0	BcV	08/28/09	FEASIBILITY STUDY				

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NEW YORK STATE ELECTRIC & GAS CORPORATION
PALMYRA FORMER MGP SITE
VILLAGE OF PALMYRA, NEW YORK

PROJ. NUMBER: 04964-034-600 | DATE: 09/15/09

RECOMMENDED COMBINED REMEDIAL ALTERNATIVE

DRAWING NUMBER: 5
SHEET NUMBER:
REVISION: 0

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