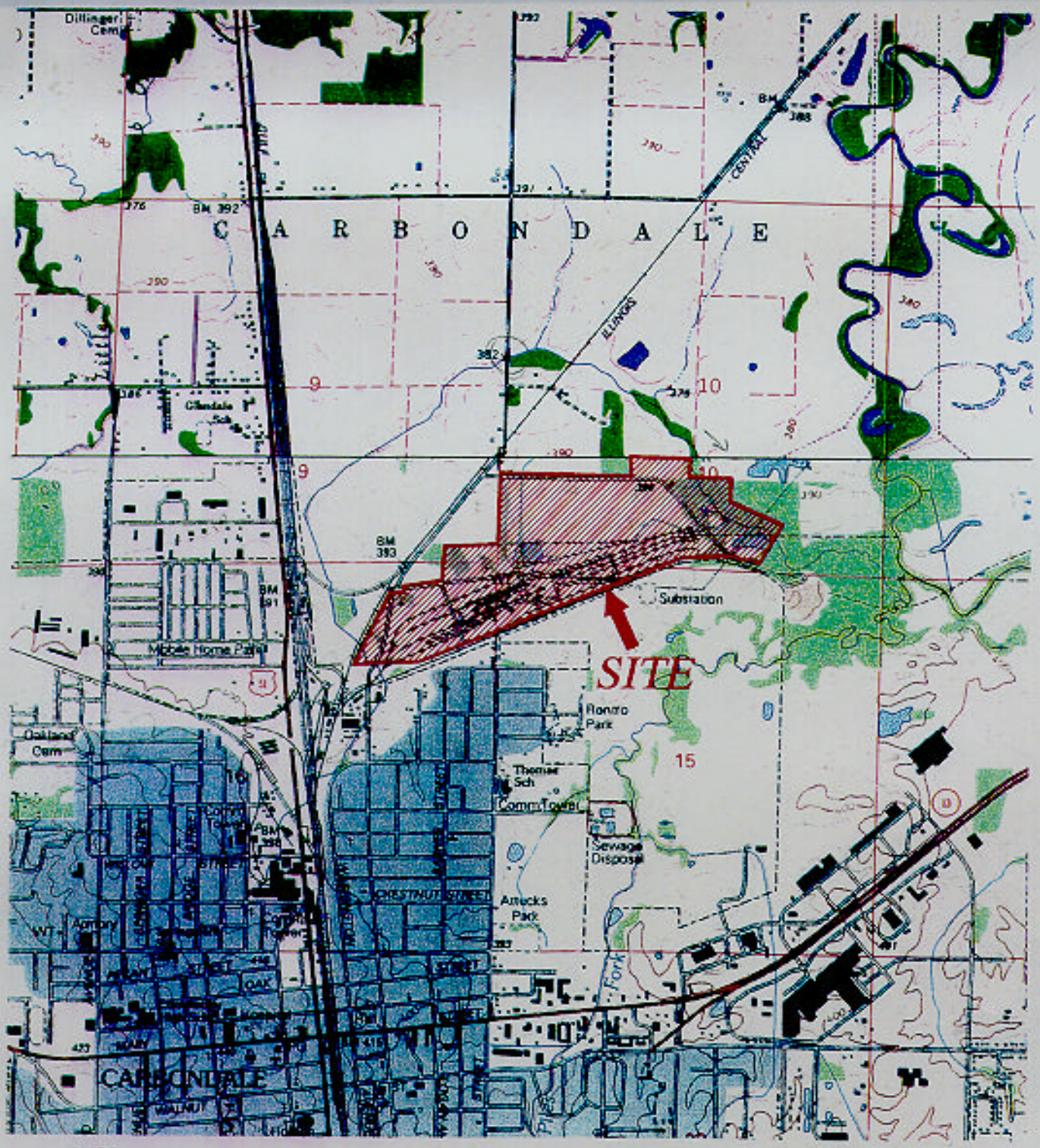


REFERENCE: USGS 7.5' TOPOGRAPHIC MAPS OF: CARBONDALE, IL 1966, AND DE SOTO, IL P.R. 1978

KEY ENVIRONMENTAL, INC.

ISSUE DATE:

ROSLYN FIRMS INDUSTRIAL PARK
1888 ARCH ST., SUITE 300
CARNEGIE, PA 15106

BEAZER EAST, INC.
PITTSBURGH, PENNSYLVANIA

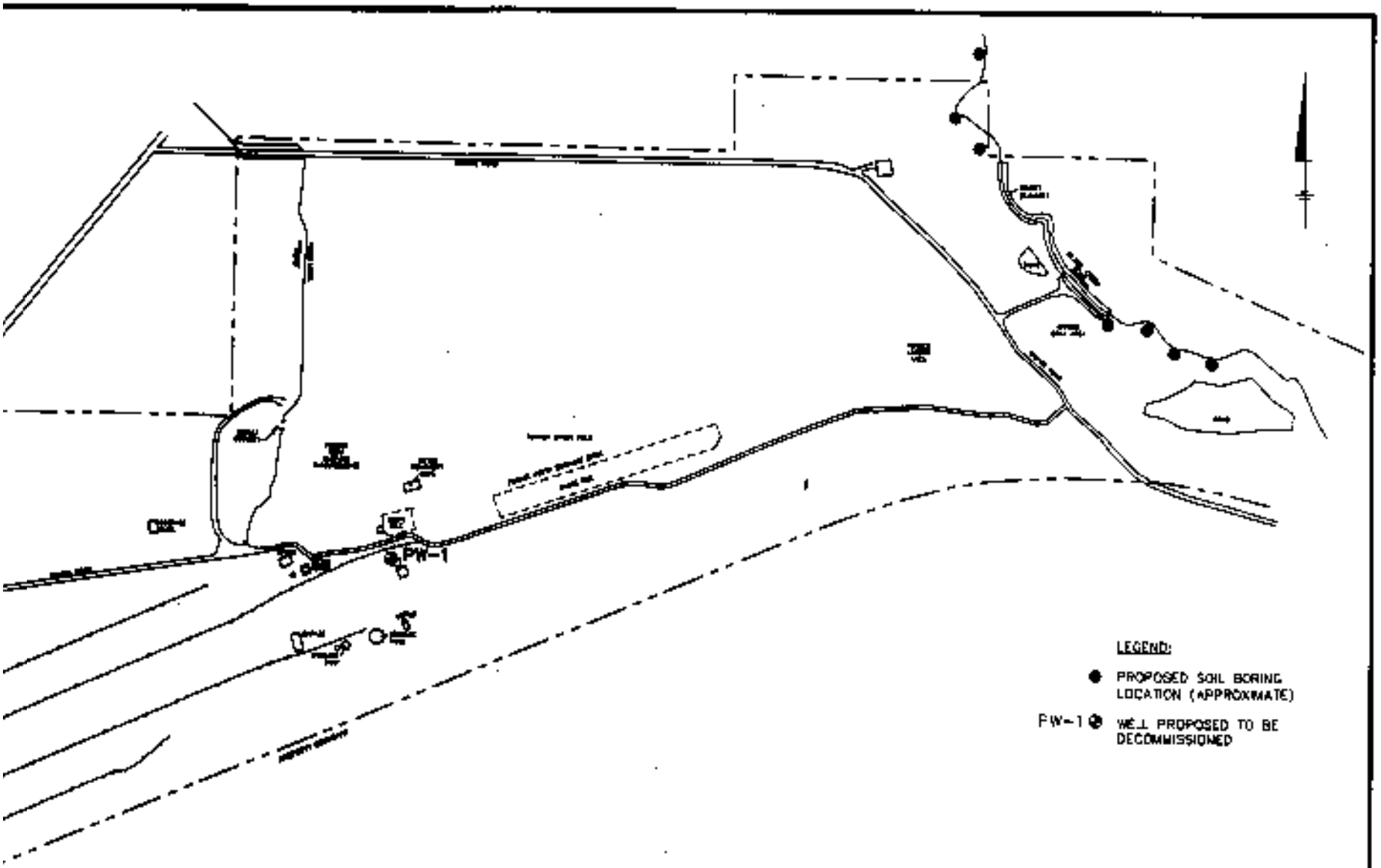
DRWN:	MEL	DATE:	9/8/00
CHKD:	HJM	DATE:	9/8/00
APPD:	HJM	DATE:	9/8/00
SCALE:	1"=2000'		

KEY ENVIRONMENTAL INCORPORATED

DNAPL RECOVERY PILOT
TESTING RESULTS
FORMER KOPPERS WOOD TREATING SITE
CARBONDALE, ILLINOIS

SITE LOCATION MAP

DRAWING NUMBER
98737
FIGURE 1



LEGEND:

● PROPOSED SOIL BORING LOCATION (APPROXIMATE)

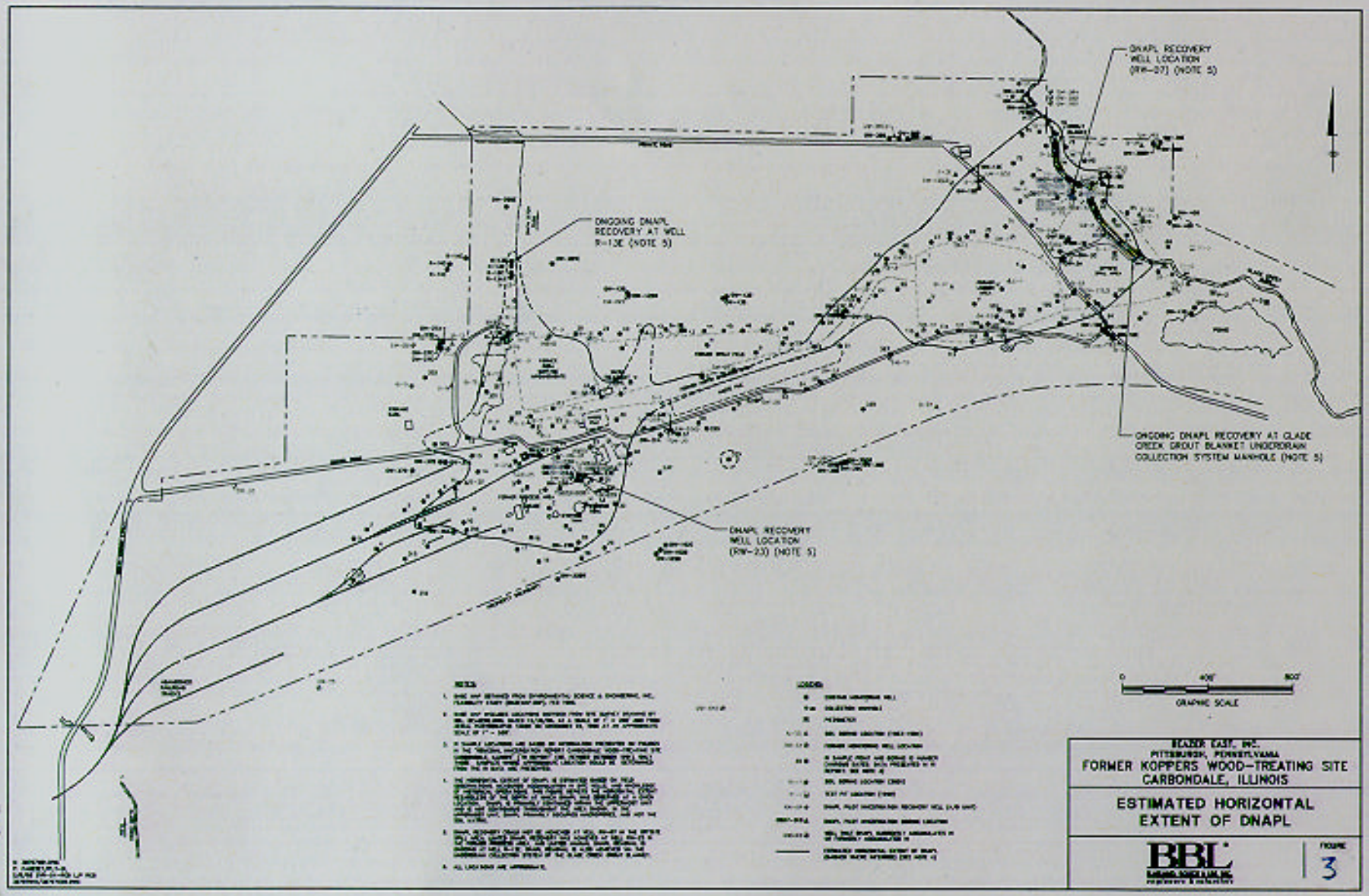
PW-1 ⊗ WELL PROPOSED TO BE DECOMMISSIONED

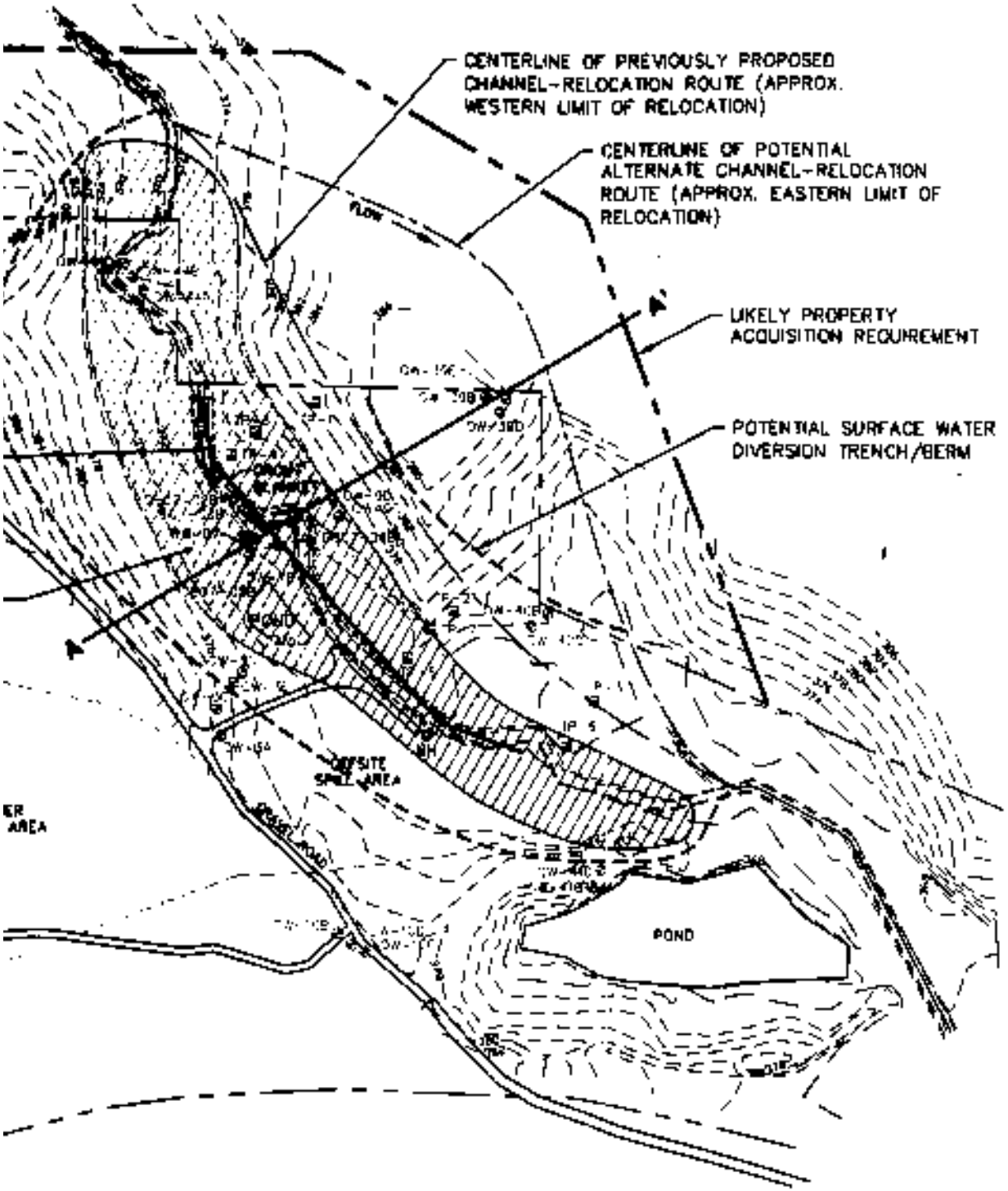
NOTES:

1. BASE MAP OBTAINED FROM ENVIRONMENTAL SCIENCE & ENGINEERING, INC. FEASIBILITY STUDY (BASEMAP DWG), FEB 1998
2. BASE MAP INCLUDES LOCATIONS DIGITIZED FROM SITE SURVEY DRAWING BY GBL BEAZER EAST, DATED 12/30/98, AT A SCALE OF 1" = 200' AND FROM AERIAL PHOTOGRAPHS TAKEN ON NOVEMBER 12, 1998 AT AN APPROXIMATE SCALE OF 1" = 500'.

BEAZER EAST, INC.
PITTSBURGH, PENNSYLVANIA
FORMER KOPPERS WOOD-TREATING SITE
CARBONDALE, ILLINOIS

SITE PLAN


DNAPL RECOVERY WELL LOCATION (RW-07) (NOTE 5)
ONGOING DNAPL RECOVERY AT WELL R-13E (NOTE 5)
ONGOING DNAPL RECOVERY AT GLADE CREEK GROUT BLANKET UNDERDRAIN COLLECTION SYSTEM MANHOLE (NOTE 5)
DNAPL RECOVERY WELL LOCATION (RW-23) (NOTE 5)
GRAPHIC SCALE
BEAZER EAST, INC.
PITTSBURGH, PENNSYLVANIA
FORMER KOPPERS WOOD-TREATING SITE
CARBONDALE, ILLINOIS
ESTIMATED HORIZONTAL EXTENT OF DNAPL
BBL
FIGURE
3



LEGEND:

- EXISTING MONITORING WELL
- TEST PIT
- DNAPL PILOT INVESTIGATION RECOVERY WELL (A/B UNIT)
- A —— A' LINE OF CROSS SECTION

NOTES:

1. BASE MAP OBTAINED FROM ENVIRONMENTAL SCIENCE & ENGINEERING, INC., FEASIBILITY STUDY (BASEMAP.DXF), FEB 1995.
2. BASE MAP INCLUDES LOCATIONS DIGITIZED FROM SITE SURVEY DRAWING BY BBL, BEAZERE.DWG, DATED 12/30/96, AT A SCALE OF 1" = 200' AND FROM AERIAL PHOTOGRAPHS TAKEN ON NOVEMBER 22, 1996 AT AN APPROXIMATE SCALE OF 1" = 500'.
3. TOPOGRAPHY PROVIDED BY CROSS COUNTRY LAND SURVEYING AND ENGINEERING OF MURPHYSBORO, IL, AND IS BASED ON THEIR SURVEYS CONDUCTED IN THE SPRING OF 2000.

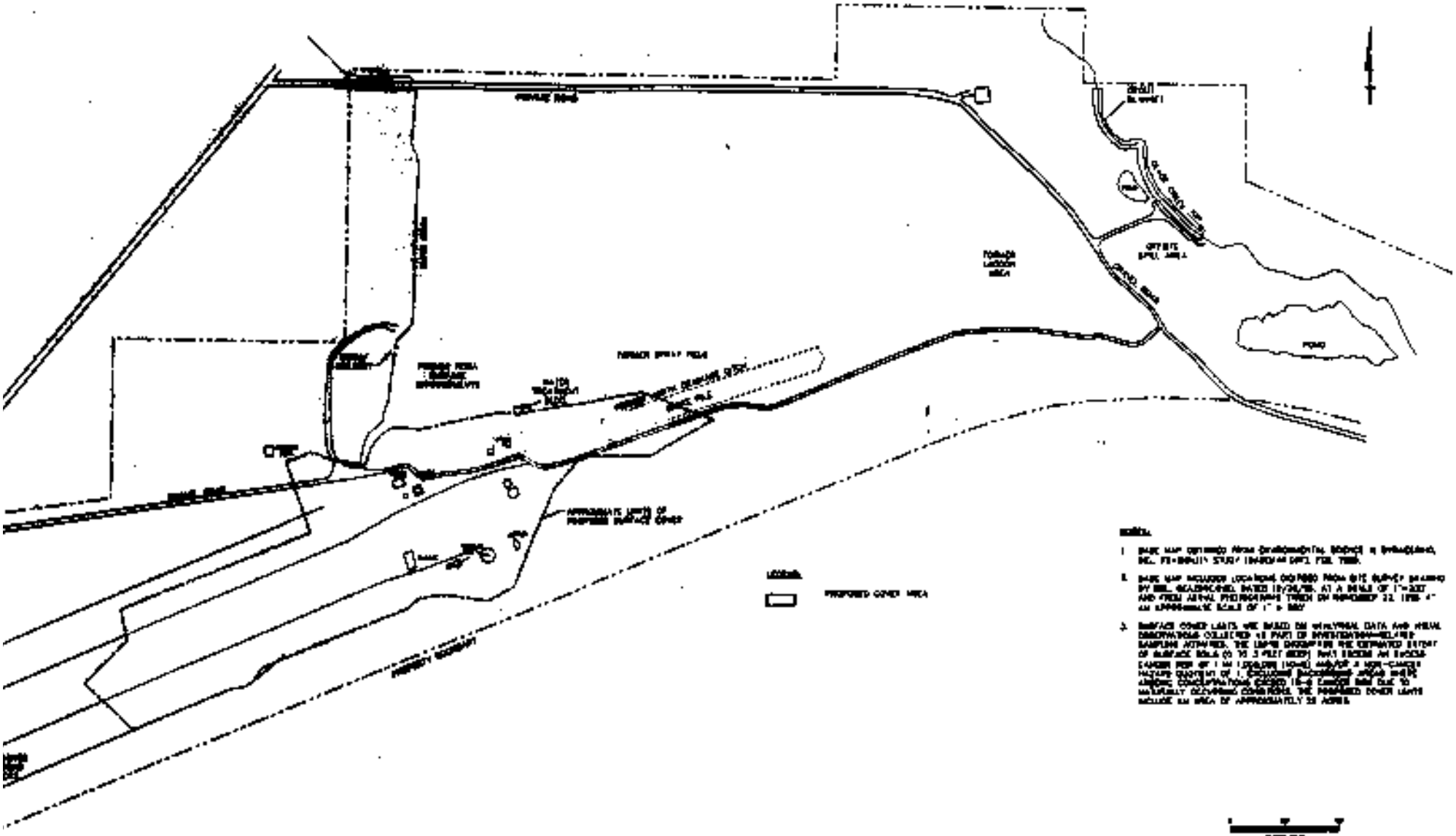
0 200' 400'
GRAPHIC SCALE

BEAZER EAST, INC.
PITTSBURGH, PENNSYLVANIA
FORMER KOPPERS WOOD-TREATING SITE
CARBONDALE, ILLINOIS

REVISED CHANNEL RELOCATION APPROACH

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 11

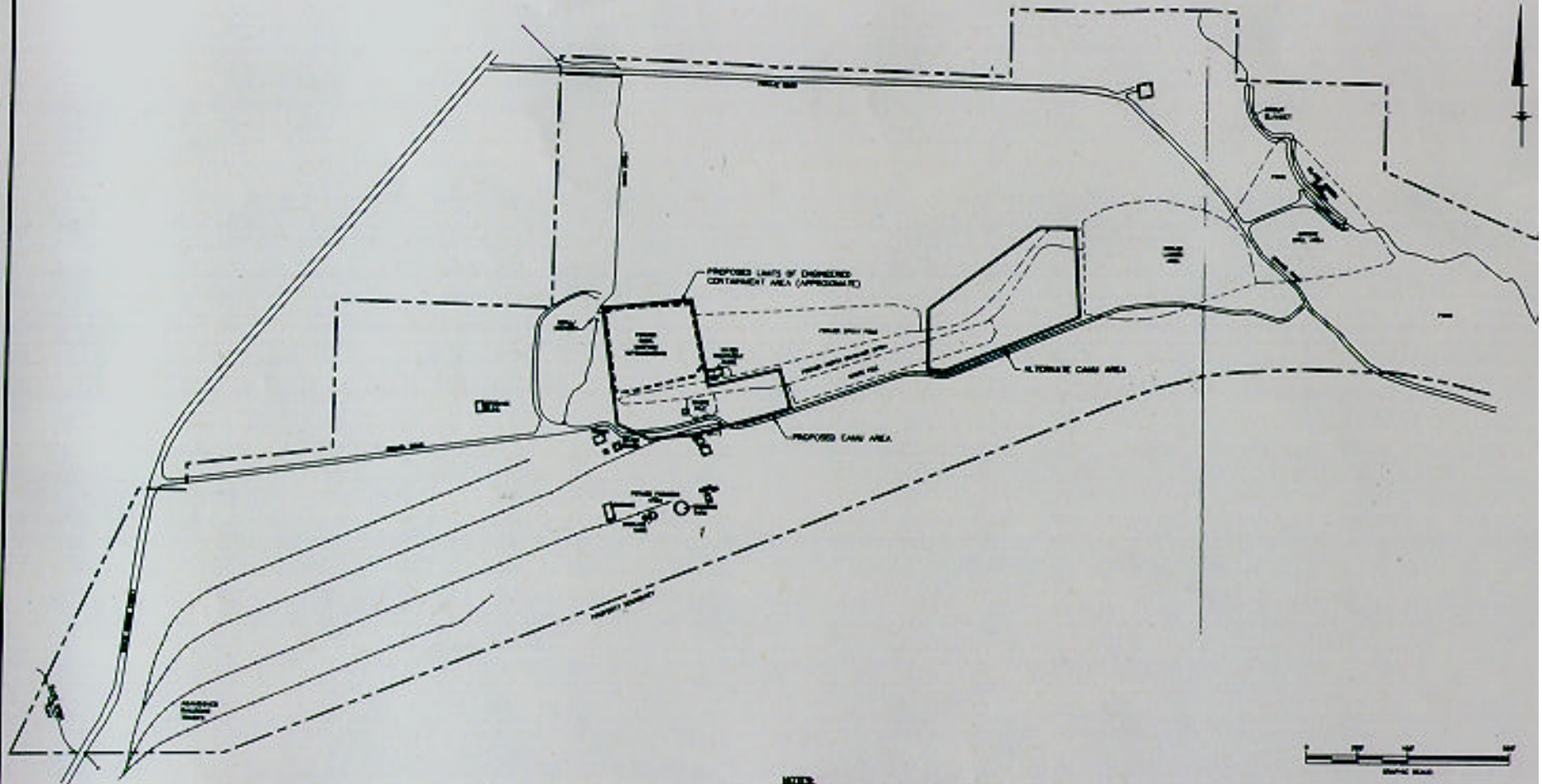


GRAZER EAST, INC.
PITTSBURGH, PENNSYLVANIA
FORMER KOPPERS WOOD-TREATING SITE
CARBONDALE, ILLINOIS

PROPOSED SURFACE COVER CONFIGURATION

BBL BURLAND, BOUCH & LEE, INC. engineers & scientists

FIGURE 5



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BEAZER EAST, INC.
PITTSBURGH, PENNSYLVANIA
FORMER KOPPERS WOOD-TREATING S
CARBONDALE, ILLINOIS

LOCATION OF CAMU

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists