

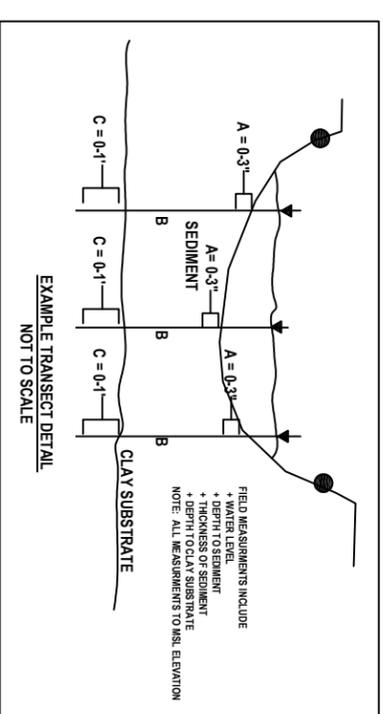
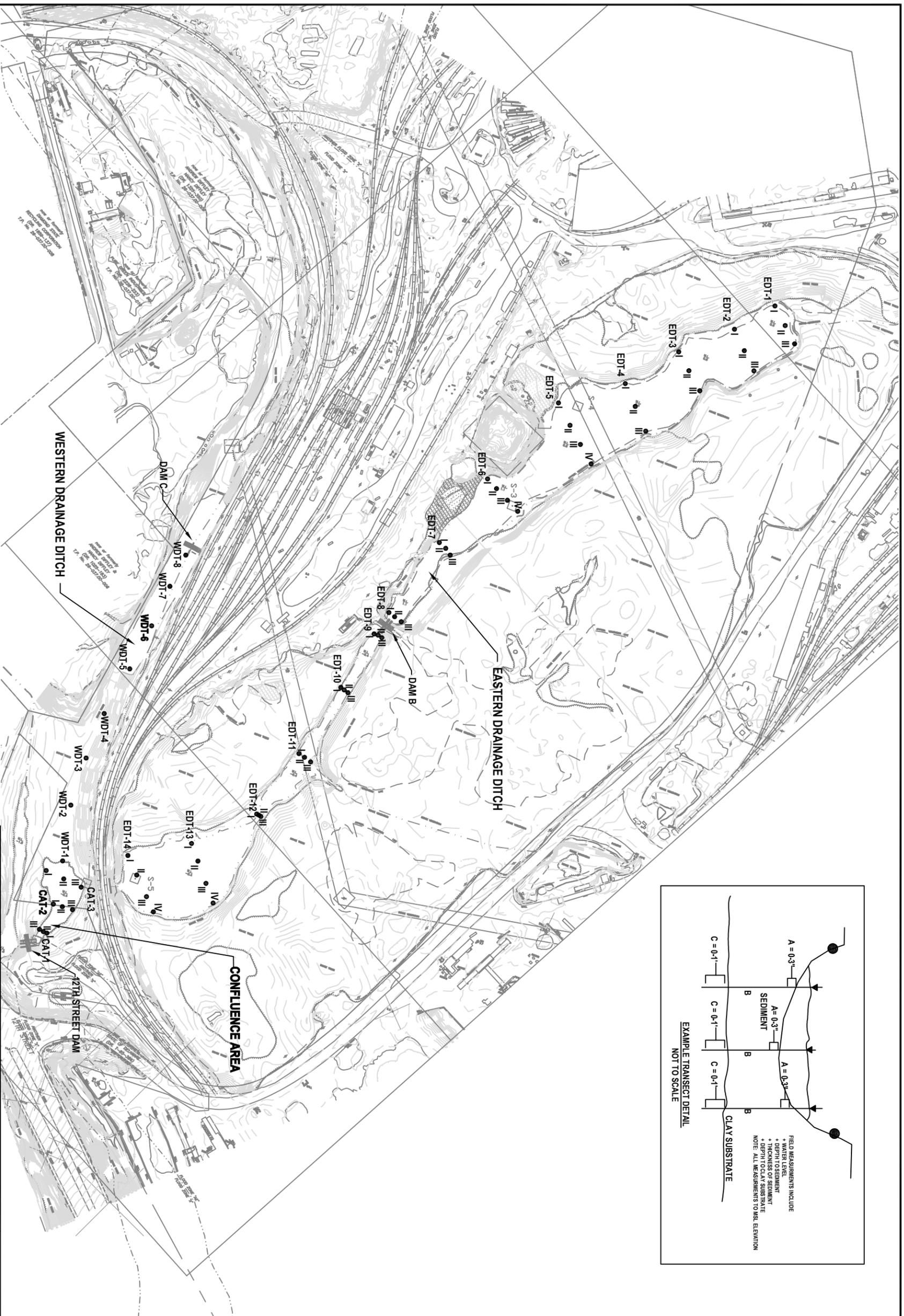
SAMPLE LOCATION WITH TOTAL PCB CONCENTRATION (ppb)	ANALYSIS METHOD	SOURCE
	IMMUNOASSAY	"SEDIMENT QUALITY ASSESSMENT FOR TIDAL CHRISTINA RIVER BASIN, VOLUME I: REPORT OF FINDING", KURT D. OLINGER AND ROBERT J. ALLEN (DNREC), 1995.
	LABORATORY ANALYSIS	"REMEDIAL INVESTIGATION REPORT, DIAMOND STATE SALVAGE, WILMINGTON, DELAWARE", WIK ASSOCIATES, INC., AUGUST 14, 1996.
	LABORATORY ANALYSIS	"SITE INVESTIGATION FOR DIAMOND SALVAGE", ANN L. BRESLIN (DNREC), JUNE 1995.
	IMMUNOASSAY	"REMEDIAL INVESTIGATION REPORT, DIAMOND STATE SALVAGE, WILMINGTON, DELAWARE", WIK ASSOCIATES, INC., AUGUST 14, 1996.
	LABORATORY ANALYSIS	"TRIP REPORT FOR 12TH STREET LANDFILL DUMP SITE WILMINGTON, DELAWARE", TETRA TECH EM INC., 2001.
	IMMUNOASSAY; LABORATORY (TOTAL CONDENSER)	DIAMOND STATE SALVAGE BRANDYWINE CREEK SEDIMENT INVESTIGATION REPORT, ROBERT J. ALLEN (DNREC), SEPTEMBER 1997.

- NOTES:
1. ALL SAMPLE LOCATIONS ARE APPROXIMATE.
 2. ND - NOT DETECTED



BASEMAP © 2007 ESRI, INC.
 U.S.G.S. 7.5 MIN TOPOGRAPHIC MAPS OF WILMINGTON SOUTH AND NORTH, DEL.-MD QUADRANGLES, DATED 1967, SCALE: 1:24000.

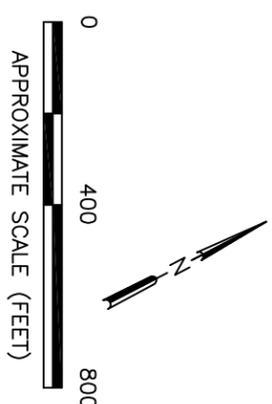
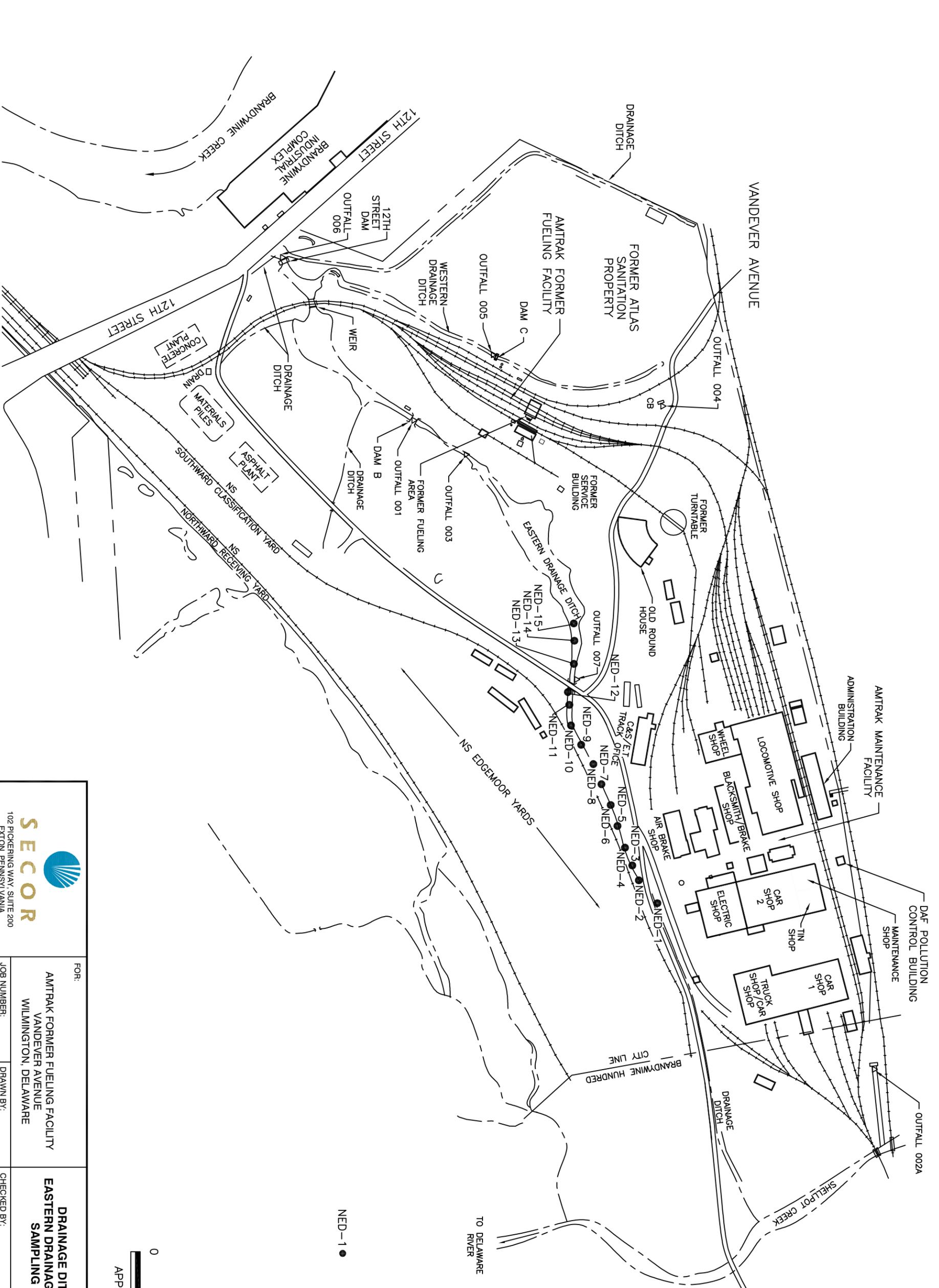
 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/875-9286 (FAX)	FOR:	AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE		FIGURE:	4-1				
	JOB NUMBER:	62OT.01057	DRAWN BY:	KEF		CHECKED BY:	SB	APPROVED BY:	



- DISCRETE BLANK SURFACE SOIL SAMPLE LOCATION
 - EDT = EASTERN DRAINAGE DITCH TRANSECT
 - WDT = WESTERN DRAINAGE DITCH TRANSECT
 - CAT = CONFLUENCE AREA TRANSECT
 - A, B, C - SEDIMENT SAMPLING INTERVALS
- NOTE:
- 1) A COMPOSITE SAMPLE FOR BOTH A AND B INTERVALS AND A DISCRETE SAMPLE FOR THE C INTERVAL WERE RETAINED FOR LABORATORY ANALYSES ALONG EACH TRANSECT.
 - 2) 8 INTERVAL COMPOSITE SAMPLES WERE COLLECTED OVER 3 FOOT VERTICAL INTERVALS FROM THE MIDDLE OF THE DITCH TO 10 FEET INTERVALS FROM THE NORTHERN EXTENT OF THE OPEN WATER AREA TO THE DRAINAGE DITCH DIVIDE WITH SHELLPOT CREEK.
 - 3) SEDIMENT SAMPLES WERE COLLECTED

NOTE
 AFTER PHASE II REMEDIAL INVESTIGATION AND FOCUSED FEASIBILITY STUDY WORK PLAN, AMTRAK FORMER FUELING FACILITY, PREPARED BY IT CORPORATION, DECEMBER 2001

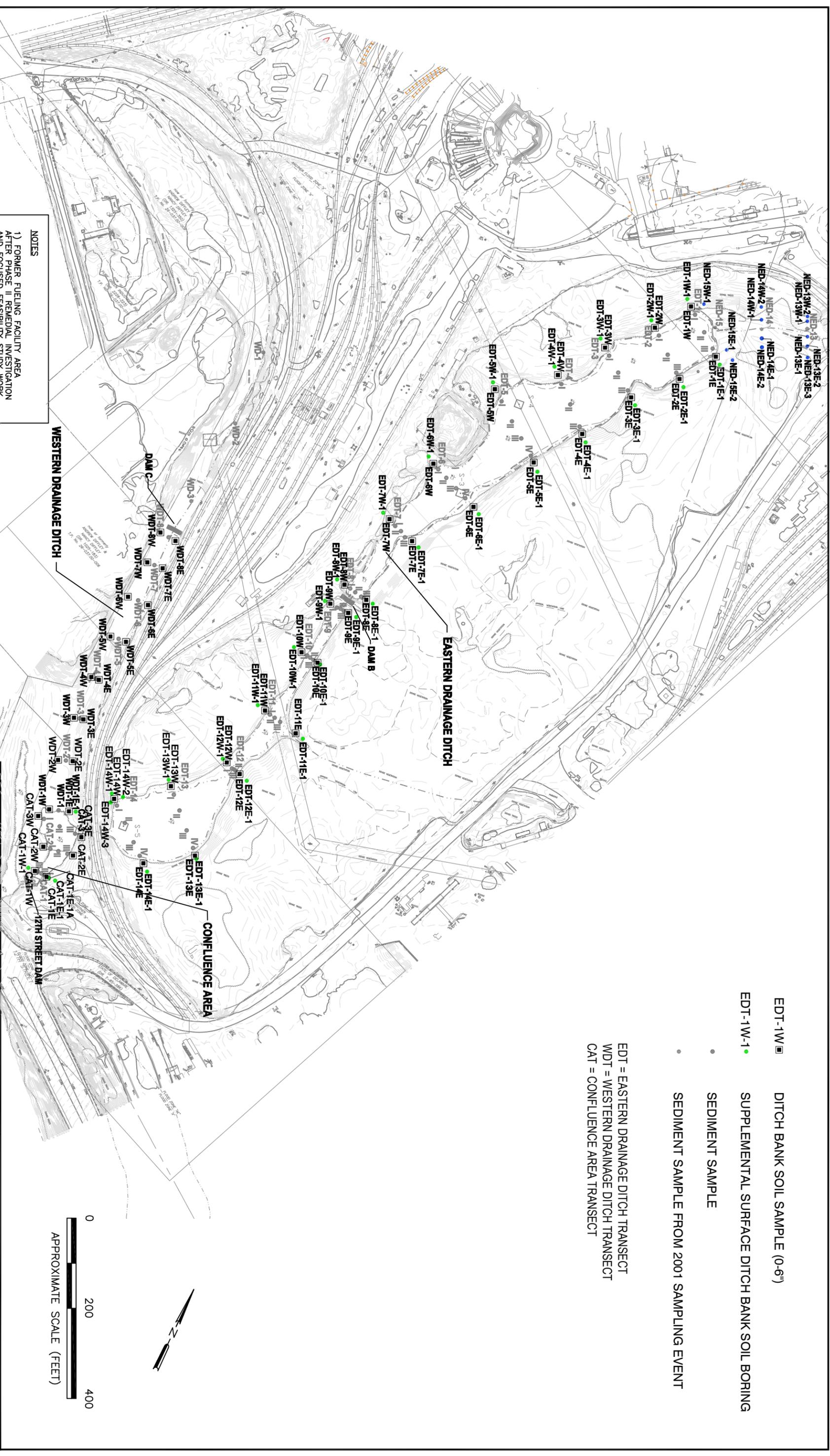
		102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/875-9286 (FAX)	
FOR: AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE	EASTERN DRAINAGE DITCH AND CONFLUENCE AREA TRANSECT LOCATIONS/WESTERN DRAINAGE DITCH SEDIMENT LOCATIONS	FIGURE: <h1 style="margin: 0;">5-1</h1>	DATE: 04/27/2007
JOB NUMBER: 620T-01057	DRAWN BY: KEF	CHECKED BY: SB	APPROVED BY:
FILEPATH: PHASE II RI REPORT - 2007		REFERENCE: IT CORPORATION, PROJECT:01303-0177; TITLE:SITE SEDIMENT SAMPLE LOCATIONS; FIGURE 5-1; DRAWINGNAME:ATMINV2001; DATE:09/04/01	



LEGEND
 NED-1 ●
 SEDIMENT SAMPLE LOCATION
 (APPROXIMATE)

REFERENCE: IT; PROJECT:01303-0177; TITLE:AREA OF INVESTIGATION; PLATE 2; DRAWINGNAME:ATMWNV4.DWG; DATE:02/15/99

 <p>102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/875-9286 (FAX)</p>		<p>FOR: AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE</p>		<p>DRAINAGE DITCH NORTH OF EASTERN DRAINAGE DITCH SEDIMENT SAMPLING LOCATIONS</p>		<p>FIGURE: 5-2</p>
<p>JOB NUMBER: 620T.01057</p>	<p>DRAWN BY: KEF</p>	<p>CHECKED BY: SB</p>	<p>APPROVED BY:</p>	<p>DATE: 04/27/2007</p>	<p>FILEPATH: PHASE II RI REPORT</p>	



- EDT-1W-1 DITCH BANK SOIL SAMPLE (0-6")
- EDT-1W-1-1 SUPPLEMENTAL SURFACE DITCH BANK SOIL BORING
- SEDIMENT SAMPLE
- SEDIMENT SAMPLE FROM 2001 SAMPLING EVENT

EDT = EASTERN DRAINAGE DITCH TRANSECT
 WDT = WESTERN DRAINAGE DITCH TRANSECT
 CAT = CONFLUENCE AREA TRANSECT



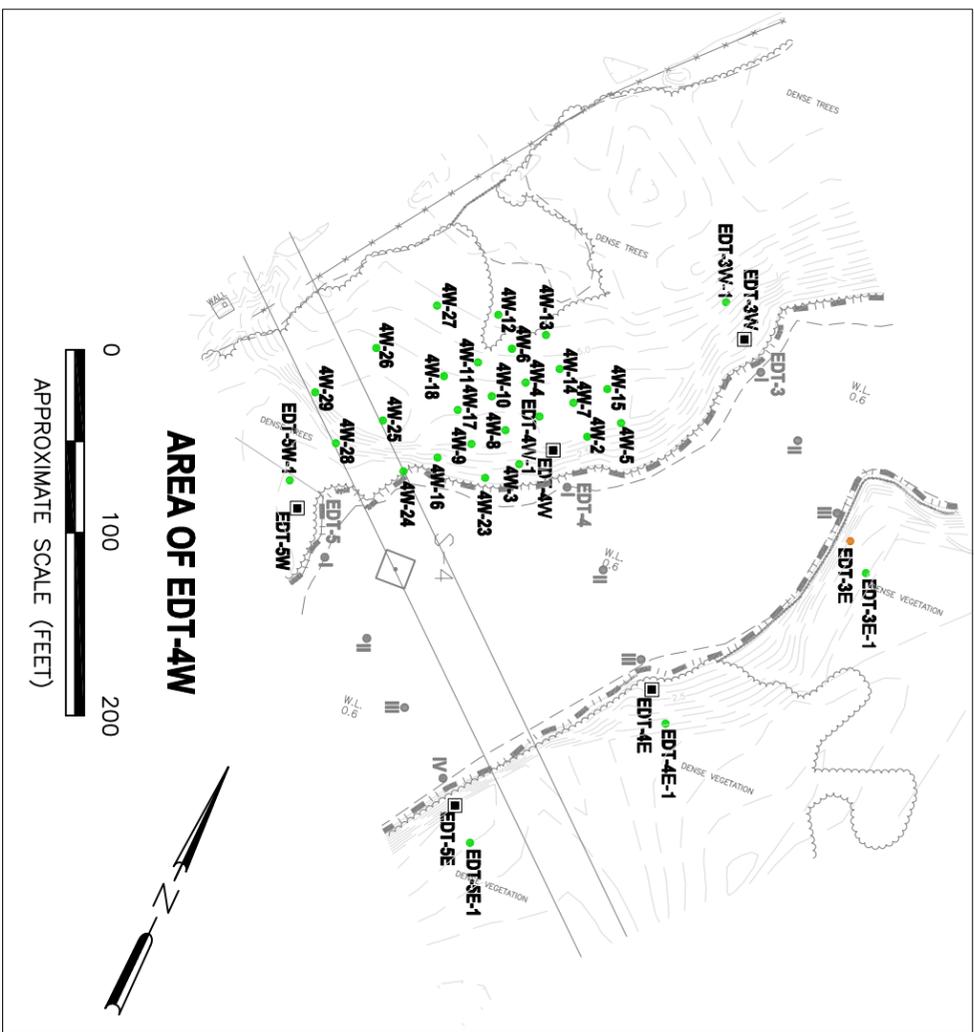
NOTES

- 1) FORMER FUELING FACILITY AREA AFTER PHASE II REMEDIAL INVESTIGATION AND FOCUSED FEASIBILITY STUDY WORK PLAN, AMTRAK FORMER FUELING FACILITY, PREPARED BY IT CORPORATION, DECEMBER 2001
- 2) MAINTENANCE FACILITY AREA PROVIDED BY KLING/STUBBINS (2006)

REFERENCE: IT CORPORATION; PROJECT:01303--0177; TITLE:SITE SEDIMENT SAMPLE LOCATIONS; FIGURE 5-1; DRAWINGNAME:ATMWINV2001; DATE:09/04/01

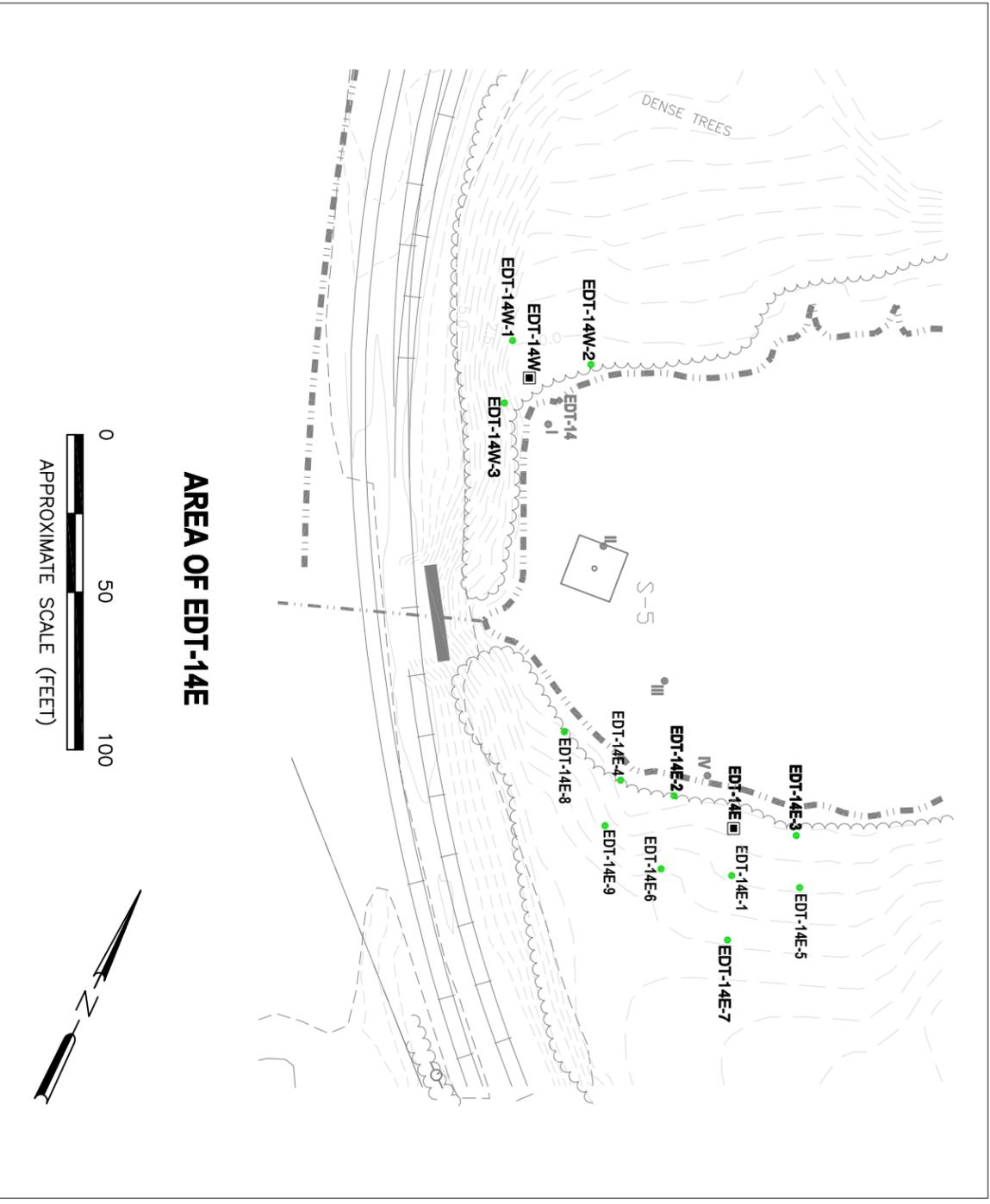
 SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 975-5075/(610) 542-986 (FAX)		FOR: AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE	PHASE II REMEDIAL INVESTIGATION BANK SOIL SAMPLING LOCATIONS	FIGURE: <h1 style="margin: 0;">5-3</h1>
JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
620T.01057	KEF	SB		04/27/2007

FILEPATH: PHASE II RI REPORT - 2007 620T-1057-5-3.DWG

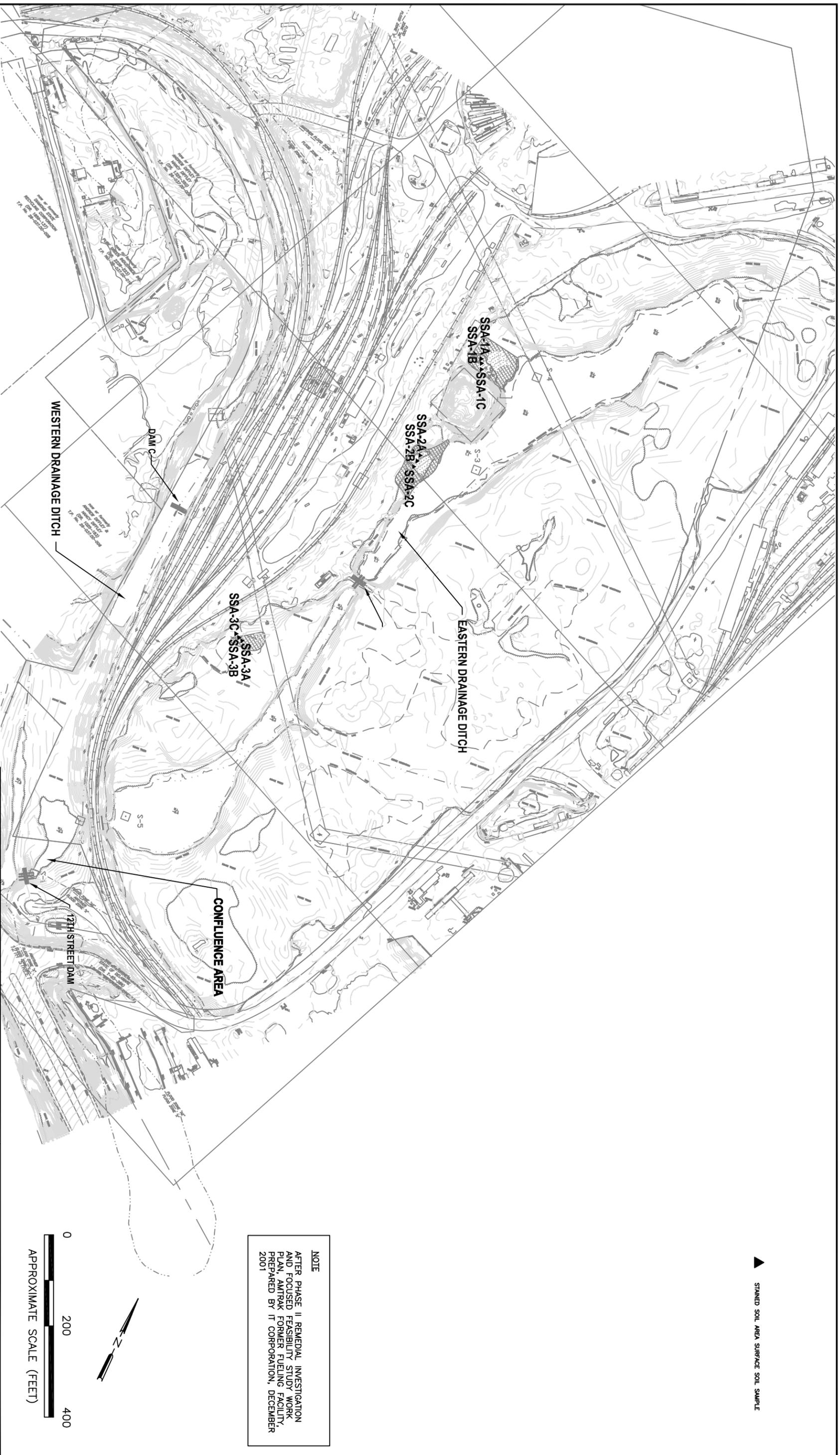


- EDT-1W-1 ■ DITCH BANK SOIL SAMPLE (0-6")
- EDT-1W-1 ● SUPPLEMENTAL SURFACE DITCH BANK SOIL BORING
- SEDIMENT SAMPLE
- SEDIMENT SAMPLE FROM 2001 SAMPLING EVENT

EDT = EASTERN DRAINAGE DITCH TRANSECT
 WDT = WESTERN DRAINAGE DITCH TRANSECT
 CAT = CONFLUENCE AREA TRANSECT



 SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/875-9286 (FAX)	FOR: AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE		PHASE II REMEDIAL INVESTIGATION BANK SOIL SAMPLING LOCATIONS - AREAS EDT-4W AND EDT-14E		FIGURE: 5-4
	JOB NUMBER: 620T.01057	DRAWN BY: KEF	CHECKED BY: SB	APPROVED BY:	DATE: 04/27/2007

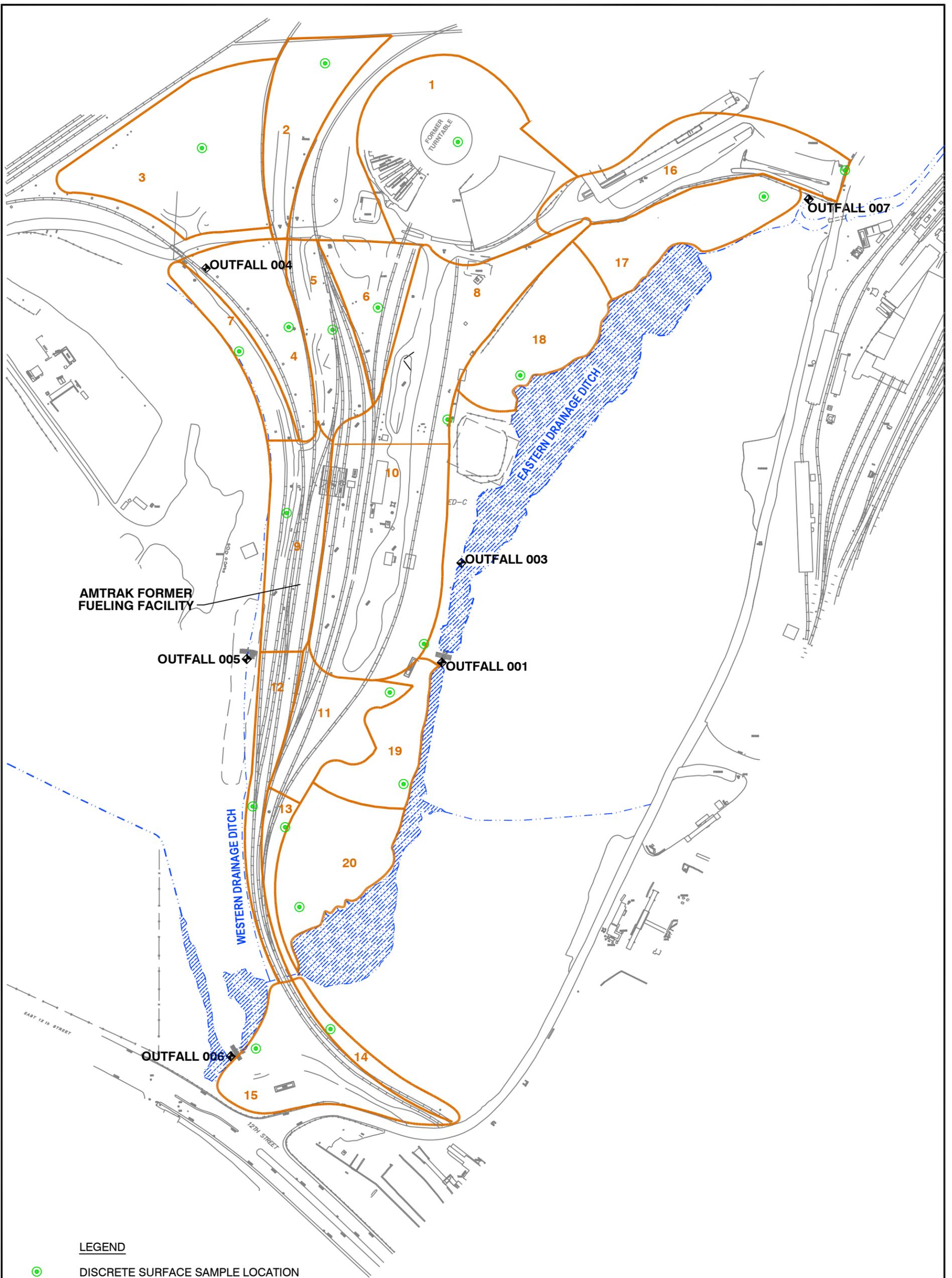


▲ STAINED SOIL AREA SURFACE SOIL SAMPLE

NOTE
 AFTER PHASE II REMEDIAL INVESTIGATION AND FOCUSED FEASIBILITY STUDY WORK PLAN, AMTRAK FORMER FUELING FACILITY, PREPARED BY IT CORPORATION, DECEMBER 2001



 <p>SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/(610) 829-86 (FAX)</p>		<p>FOR:</p> <p>AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE</p>		<p>STAINED SOIL AREA SURFACE SOIL SAMPLING LOCATIONS</p>		<p>FIGURE:</p> <p>5-5</p>
<p>JOB NUMBER: 620T-01057</p>	<p>DRAWN BY: KEF</p>	<p>CHECKED BY: SB</p>	<p>APPROVED BY:</p>	<p>DATE: 04/25/2007</p>	<p>REFERENCE: IT CORPORATION, PROJECT:01303-0177; TITLE:SITE SEDIMENT SAMPLE LOCATIONS; FIGURE 5-1; DRAWINGNAME:ATM1NW2001; DATE:09/04/01</p>	
<p>FILEPATH: PHASE II RI REPORT - 2007</p>						



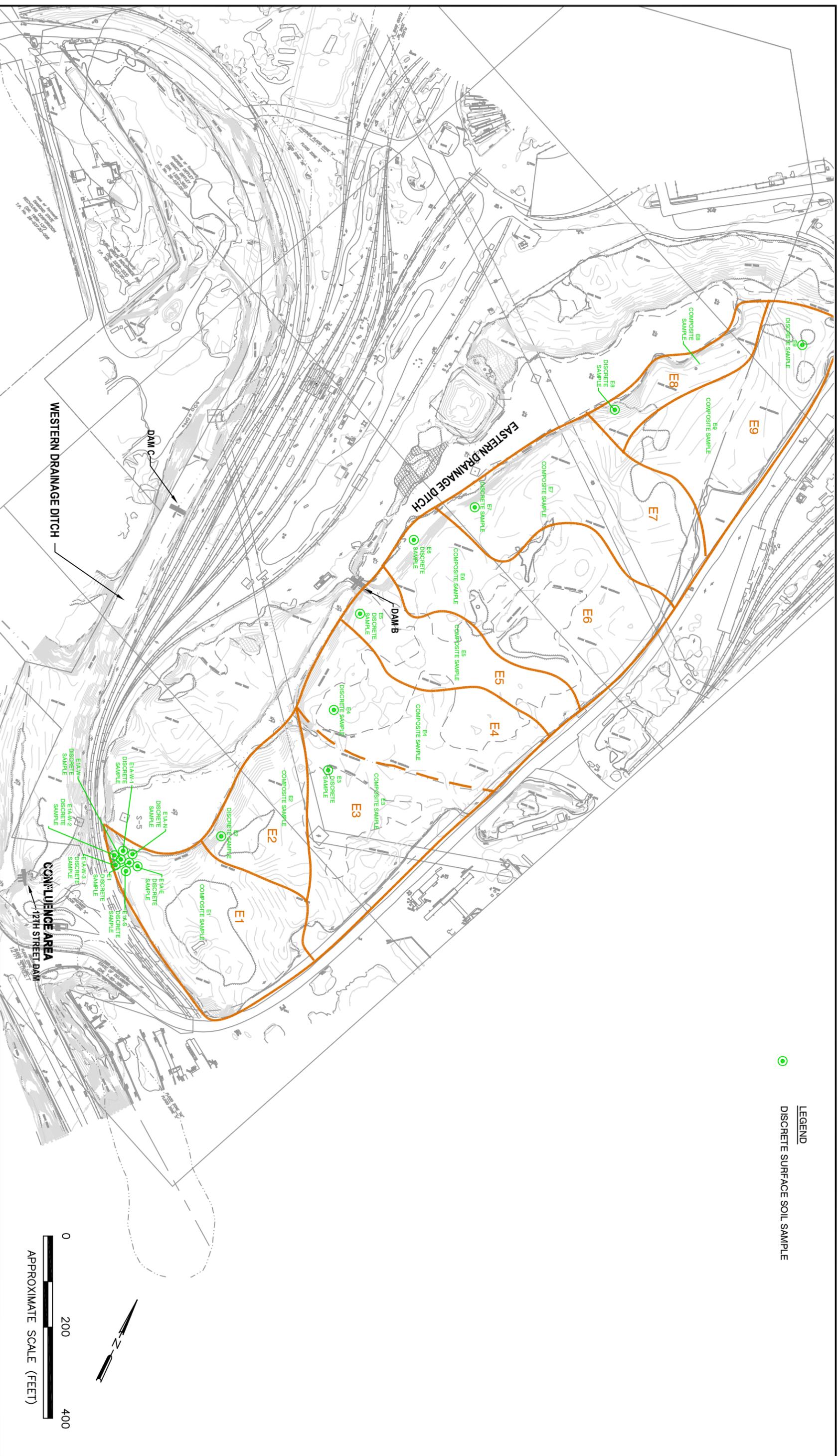
AMTRAK FORMER FUELING FACILITY

LEGEND

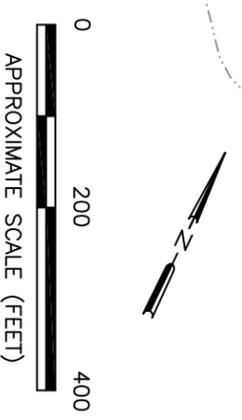
● DISCRETE SURFACE SAMPLE LOCATION



 SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/875-9286 (FAX)	FOR: AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE		UPLAND (SUBDRAINAGE AREA) SURFACE SOIL SAMPLE LOCATIONS - FORMER FUELING FACILITY		FIGURE: 5-6
	JOB NUMBER: 62OT-01057	DRAWN BY: KEF	CHECKED BY: SB	APPROVED BY:	DATE: 04/27/2007



LEGEND
 ○ DISCRETE SURFACE SOIL SAMPLE

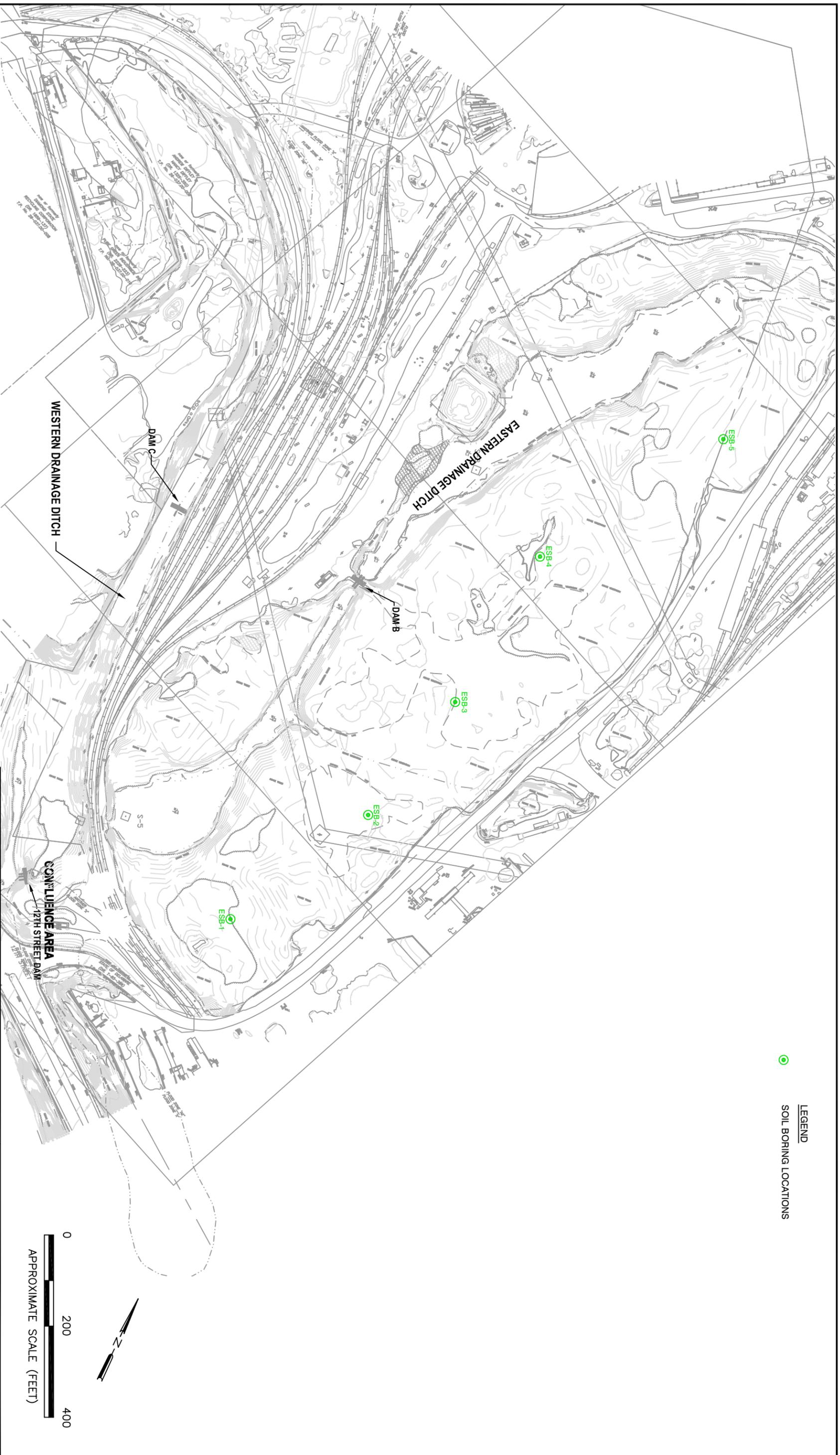


 SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/875-9286 (FAX)	FOR: AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE		UPPLAND (SUBDRAINAGE) AREA SURFACE SOIL SAMPLE LOCATIONS AMTRAK PROPERTY EAST OF THE EASTERN DRAINAGE AREA		FIGURE: 5-7
	JOB NUMBER: 820T-01057	DRAWN BY: KEF	CHECKED BY: SB	APPROVED BY:	DATE: 04/27/2007

REFERENCE: IT CORPORATION, PROJECT:01303-0177; TITLE:SITE SEDIMENT SAMPLE LOCATIONS; FIGURE 5-1; DRAWINGNAME:ATMNV2001; DATE:09/04/01

FILEPATH: PHASE II RI REPORT - 2007

820T-1057-5-5.DWG



LEGEND
 SOIL BORING LOCATIONS

REFERENCE: IT CORPORATION, PROJECT:01303-0177; TITLE:SITE SEDIMENT SAMPLE LOCATIONS; FIGURE 5-1; DRAWINGNAME:ATWINV2001; DATE:09/04/01

 <p>SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/875-9286 (FAX)</p>		<p>FOR: AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE</p>		<p>SOIL BORING LOCATIONS - AMTRAK PROPERTY EAST OF THE EASTERN DRAINAGE AREA</p>		<p>FIGURE: 5-8</p>
<p>JOB NUMBER: 820T-01057</p>	<p>DRAWN BY: KEF</p>	<p>CHECKED BY: SB</p>	<p>APPROVED BY:</p>	<p>DATE: 04/27/2007</p>	<p>FILEPATH: PHASE II RI REPORT - 2007</p>	



LEGEND
 ▲ SURFACE WATER SAMPLING LOCATION

NOTE
 AFTER PHASE II REMEDIAL INVESTIGATION AND FOCUSED FEASIBILITY STUDY WORK PLAN, AMTRAK FORMER FUELING FACILITY, PREPARED BY IT CORPORATION, DECEMBER 2001

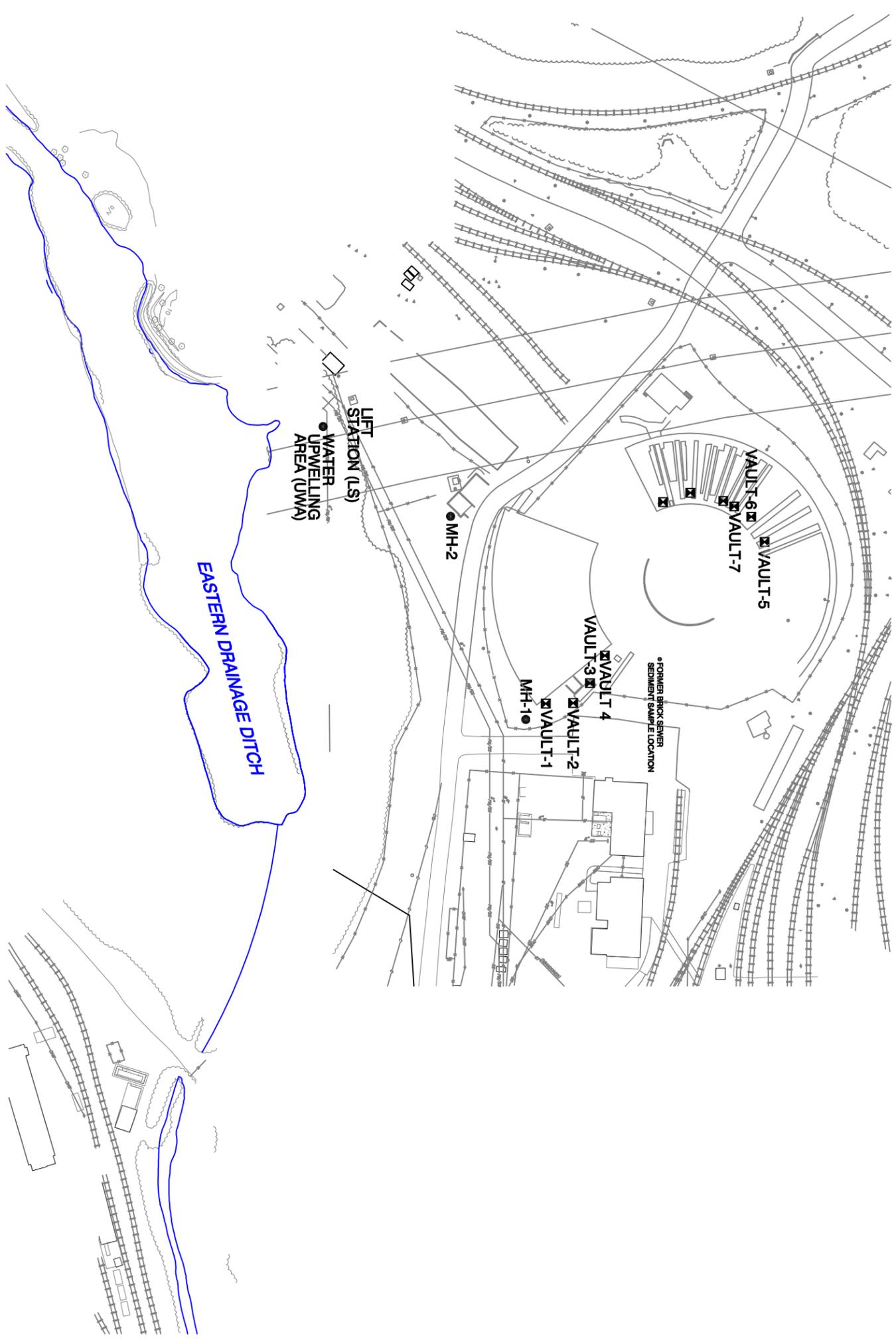


REFERENCE: IT CORPORATION, PROJECT:01303-0177; TITLE: SURFACE SAMPLING LOCATIONS; FIGURE 5-2; DRAWINGNAME:0177-006g; DATE:10/24/01

 <p>SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 873-5075/873-9288 (FAX)</p>		<p>FOR: AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE</p>		<p>SURFACE WATER SAMPLING LOCATIONS</p>		<p>FIGURE: 5-9</p>
<p>JOB NUMBER: 620T1.01057</p>	<p>DRAWN BY: KEF</p>	<p>CHECKED BY: SB</p>	<p>APPROVED BY:</p>	<p>DATE: 04/27/2007</p>		

FILEPATH: PHASE II RI REPORT - 2007

620T1-1057-5-9.DWG



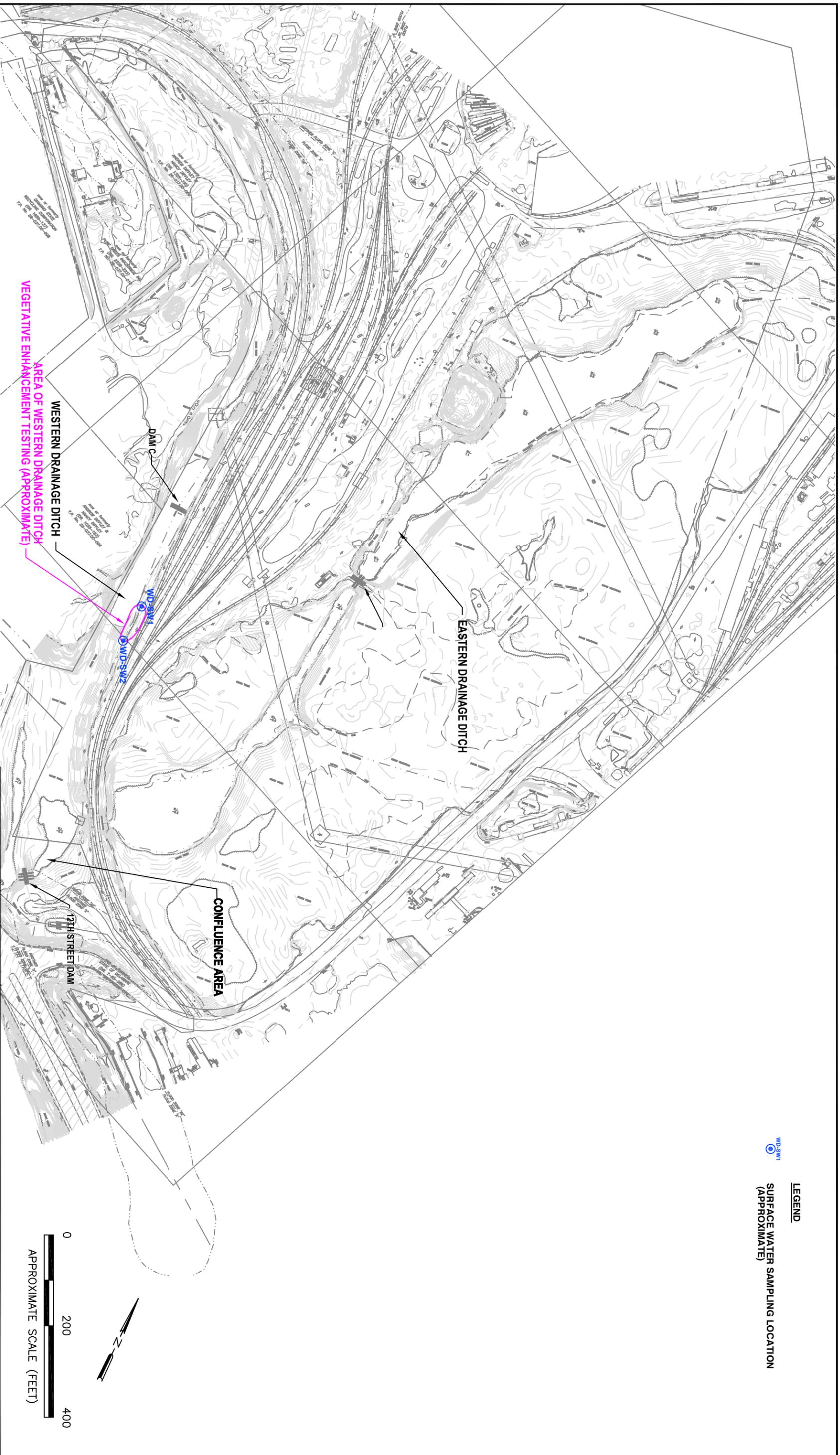
NOTE: SAMPLE LOCATIONS ARE APPROXIMATE.
 BASE MAP PROVIDED BY AMTRAK



 SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3078/875-9286 (FAX)	FOR:	AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE	ABANDONED SEWER, SURFACE WATER AND SEDIMENT SAMPLING LOCATIONS - AUGUST 2006	FIGURE:	5-10
	JOB NUMBER: 820T-101057	DRAWN BY: KEF	CHECKED BY: SB	APPROVED BY:	DATE: 04/27/2007

FILEPATH: PHASE II RI REPORT - 2007

820T-1057-5-10.DWG



LEGEND
 W/D-SW1
 SURFACE WATER SAMPLING LOCATION
 (APPROXIMATE)

FOR: AMTRAK FORMER FUELING FACILITY
 VANDEVER AVENUE
 WILMINGTON, DELAWARE

LOCATION OF WESTERN DRAINAGE DITCH
 VEGETATIVE ENHANCEMENT TESTING

FIGURE:
5-11

SECOR
 102 PICKERING WAY, SUITE 200
 EXTON, PENNSYLVANIA
 PHONE: (484) 875-3075/875-9286 (FAX)

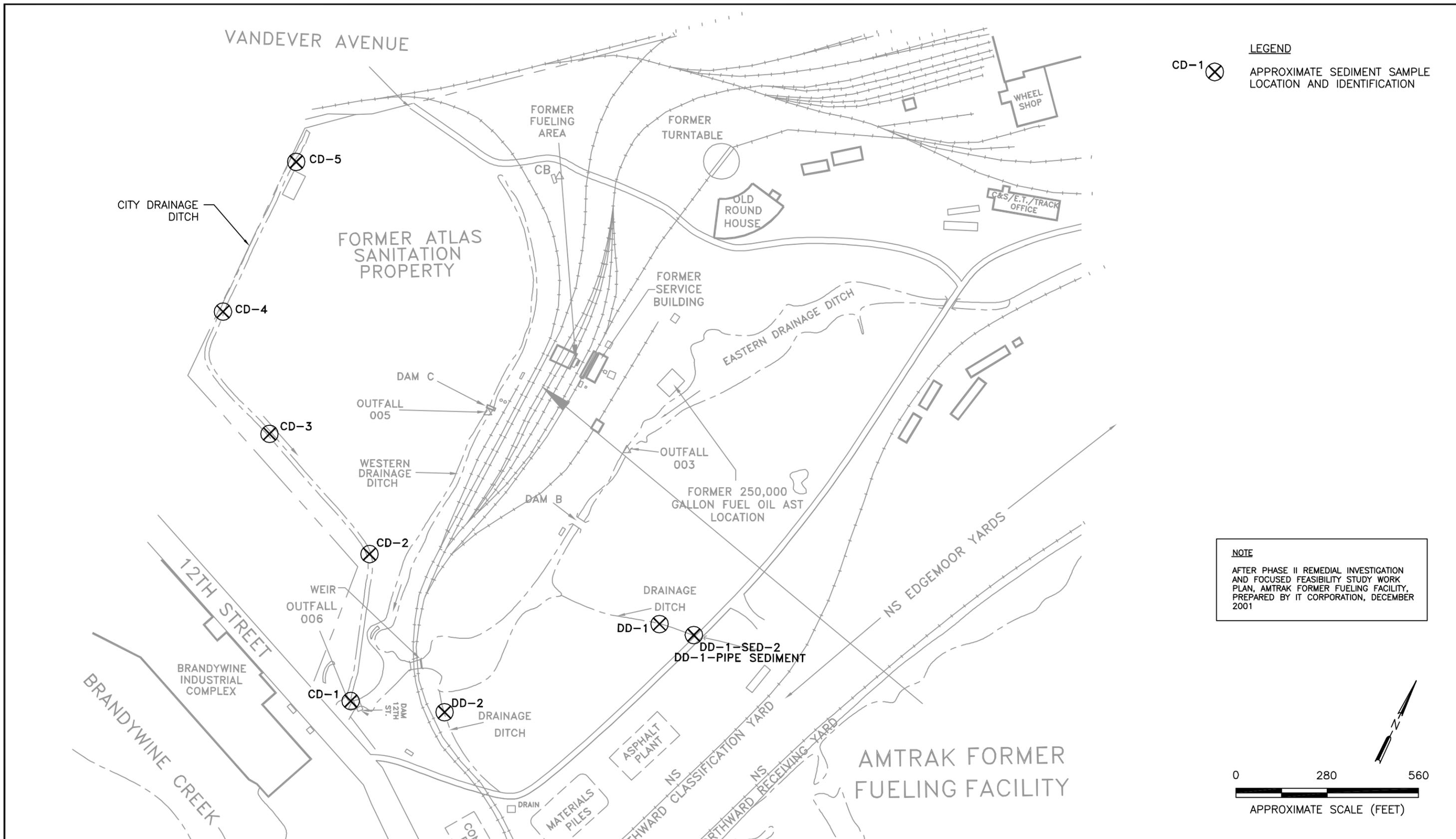
JOB NUMBER: 620T-01057
 DRAWN BY: KEF

CHECKED BY: SB
 APPROVED BY:
 DATE: 04/27/2007

REFERENCE: IT CORPORATION, PROJECT:01303-0177; TILESITE SEDIMENT SAMPLE LOCATIONS; FIGURE 5-1; DRAWINGNAME:ATMINV2001; DATE:09/04/01

FILEPATH: PHASE II RI REPORT - 2007

620T-1057-5-11.DWG



REFERENCE: IT CORPORATION; PROJECT:01303-0177; TITLE:OFF-SITE DRAINAGE DITCH SEDIMENT SAMPLING LOCATIONS; FIGURE 6-1; DRAWINGNAME:0177-007; DATE:10-24-01


SECOR
 102 PICKERING WAY, SUITE 200
 EXTON, PENNSYLVANIA
 PHONE: (484) 875-3075/875-9286 (FAX)

FOR:
 AMTRAK FORMER FUELING FACILITY
 VANDEVER AVENUE
 WILMINGTON, DELAWARE

JOB NUMBER: 62OT.01057 DRAWN BY: KEF

**ADJACENT DRAINAGE DITCHES
 SEDIMENT SAMPLING LOCATIONS**

CHECKED BY: SB APPROVED BY:

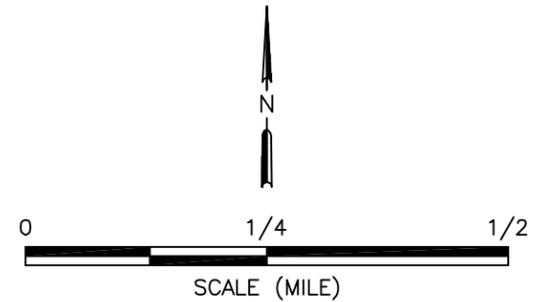
FIGURE:
6-1

DATE: 04/25/2007



- LEGEND**
- BCSED-1 APPROXIMATE TIDAL SEDIMENT SAMPLING LOCATION AND IDENTIFICATION
 - BCT-1 APPROXIMATE BRANDYWINE CREEK TIDAL SEDIMENT SAMPLING TRANSECT LOCATION AND IDENTIFICATION
 - BCNT-1 APPROXIMATE NONTIDAL SEDIMENT SAMPLING LOCATION AND IDENTIFICATION

NOTE
 AFTER PHASE II REMEDIAL INVESTIGATION AND FOCUSED FEASIBILITY STUDY WORK PLAN, AMTRAK FORMER FUELING FACILITY, PREPARED BY IT CORPORATION, DECEMBER 2001



PREPARED BY:		 SECOR 102 PICKERING WAY, SUITE 200 EXTON, PENNSYLVANIA PHONE: (484) 875-3075/875-9286 (FAX)	
FOR:		AMTRAK FORMER FUELING FACILITY VANDEVER AVENUE WILMINGTON, DELAWARE	
TITLE:		BRANDYWINE CREEK SEDIMENT SAMPLING LOCATIONS	
DRAWN BY:	KEYF	DESIGNED BY:	SE
CHECKED BY:		APPROVED BY:	
PROJECT NUMBER:	620T.01057	SCALE:	AS SHOWN
DATE:	04/25/2007	FILE PATH:	PHASE II RI REPORT - 2007
FIGURE:		6-2	