

# LANDSIDE (OPERABLE UNIT 1) FEASIBILITY STUDY

Benning Road Facility 3400 Benning Road, NE Washington, DC 20019





## LANDSIDE OPERABLE UNIT 1 FEASIBILITY STUDY

Benning Road Facility 3400 Benning Road, N.E. Washington, DC 20019

#### PREPARED FOR:

Pepco and Pepco Energy Services 701 9th Street, NW Washington, DC 20068

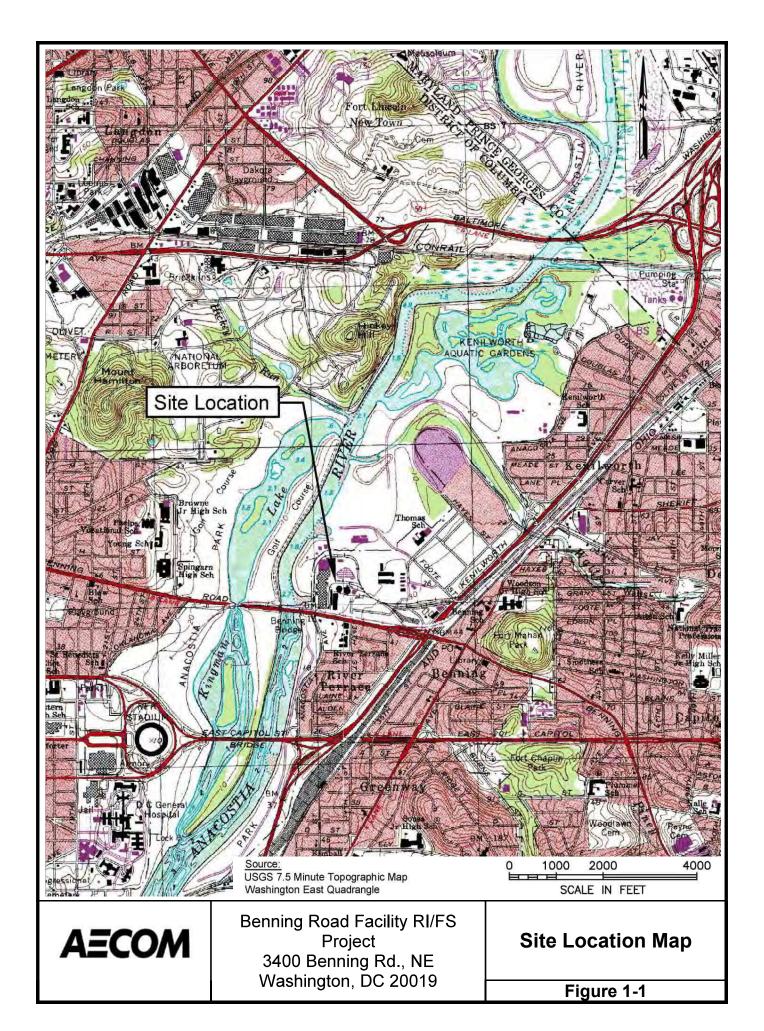
#### **PREPARED BY:**

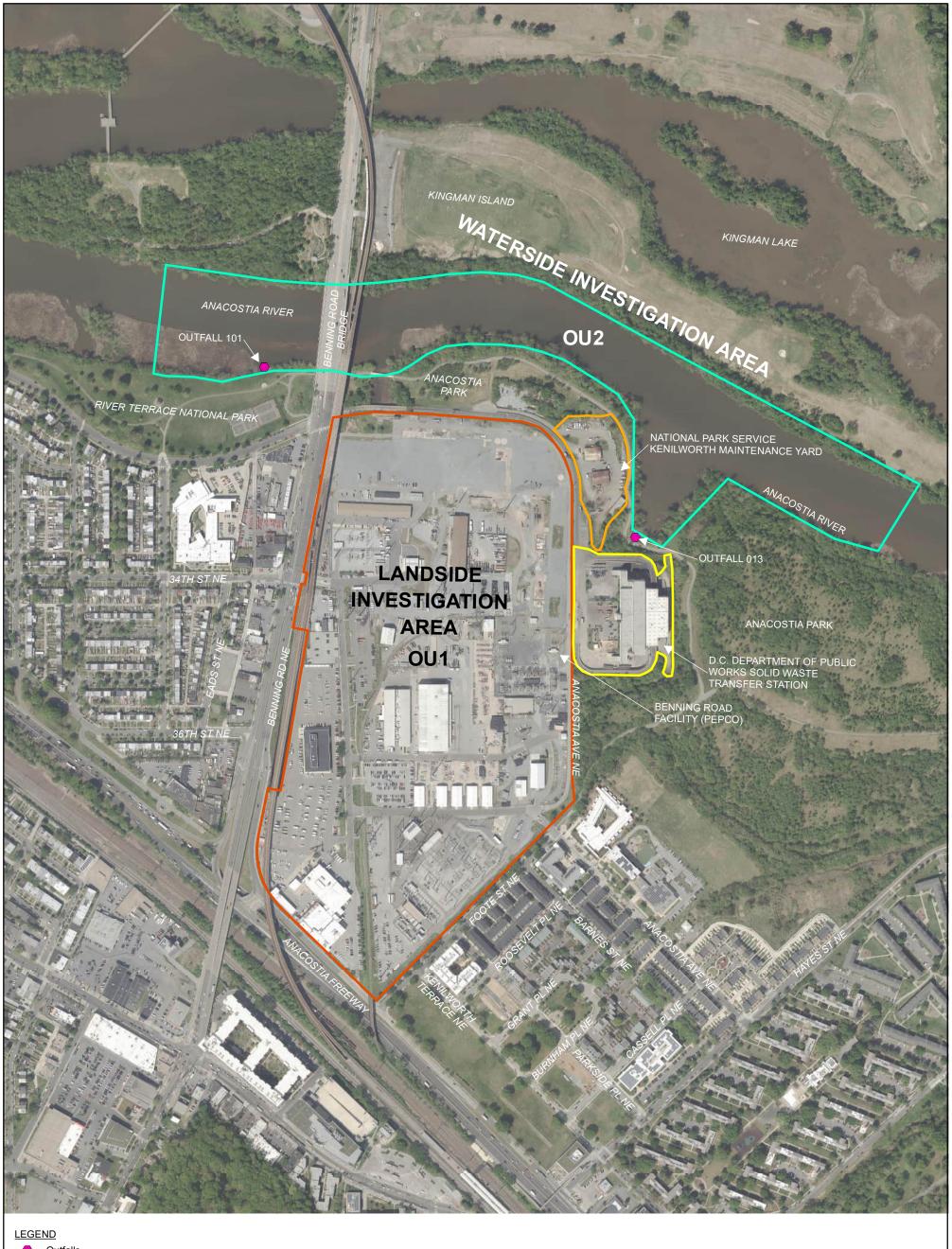
AECOM 430 National Business Parkway, STE 190 Annapolis Junction, MD 20701

November 2023



### **Figures**







Outfalls

National Park Service Kenilworth Maintenance Yard

D.C. Department of Public Works Solid Waste Transfer Station

Waterside Investigation Area

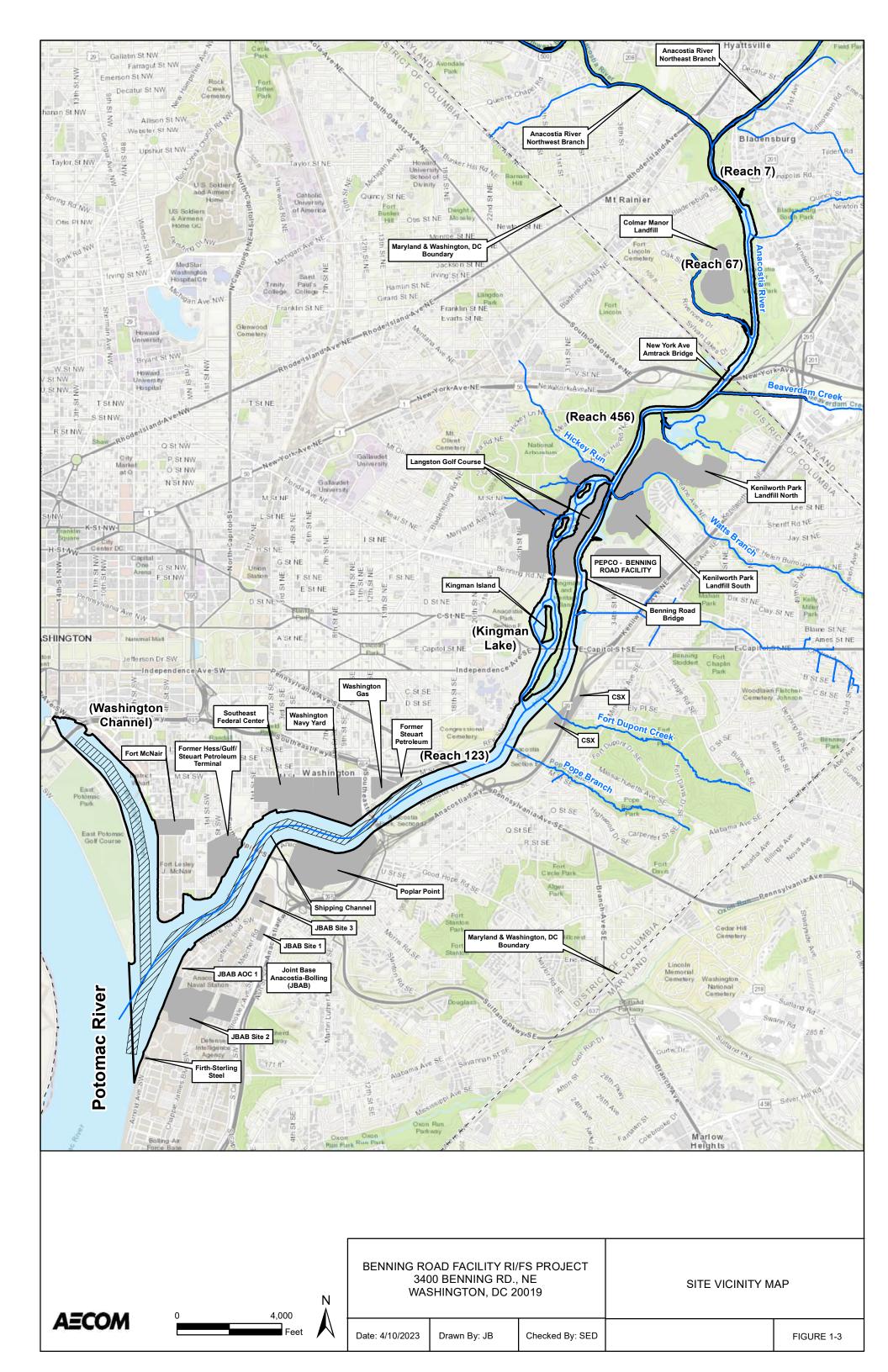
**AECOM** 

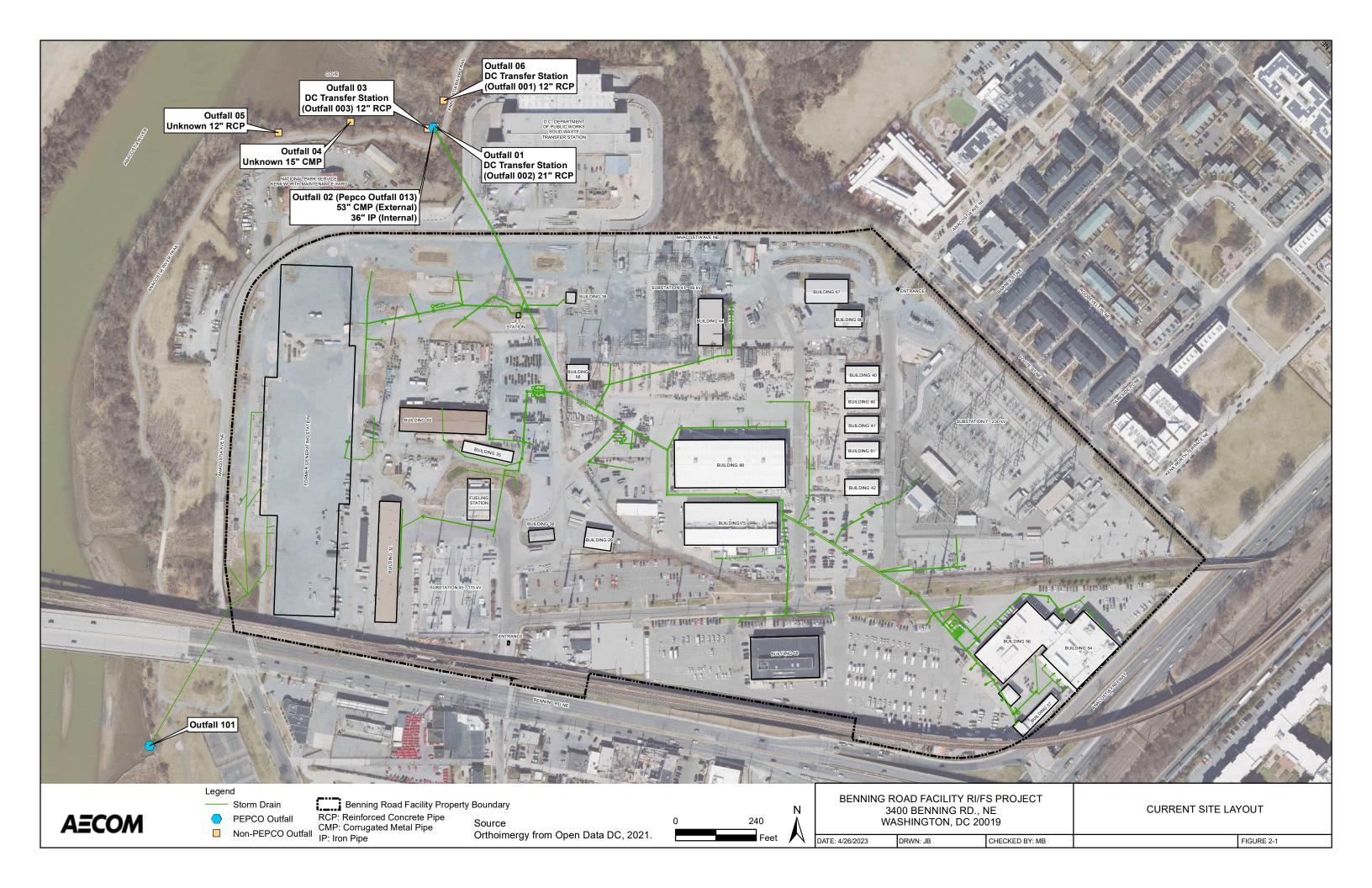
Benning Road Facility Property Boundary

BENNING ROAD FACILITY RI/FS PROJECT 3400 BENNING RD., NE WASHINGTON, DC 20019

SITE PLAN AND **INVESTIGATION AREAS** 

FIGURE 1-2 Date: 4/7/2023 Drawn By: JB Checked By: MB









Benning Road Facility Property Boundary

Pervious (Grass and Loose Stone)

Impervious (Paved and Hard-Packed Gravel)

Former Power Plant Building Foundation

AECOM 0 400 x-



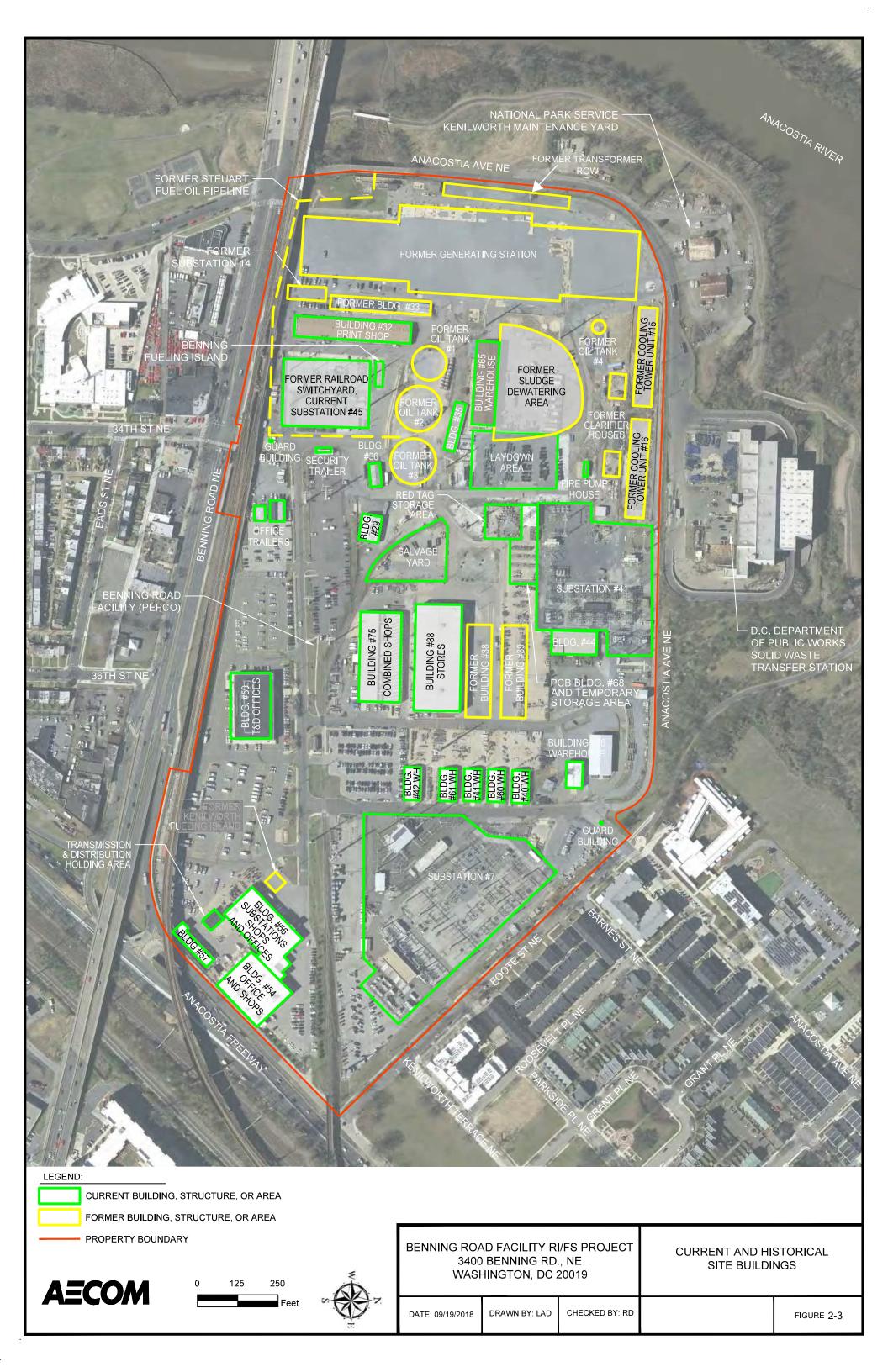
BENNING ROAD FACILITY RI/FS PROJECT 3400 BENNING RD., NE WASHINGTON, DC 20019

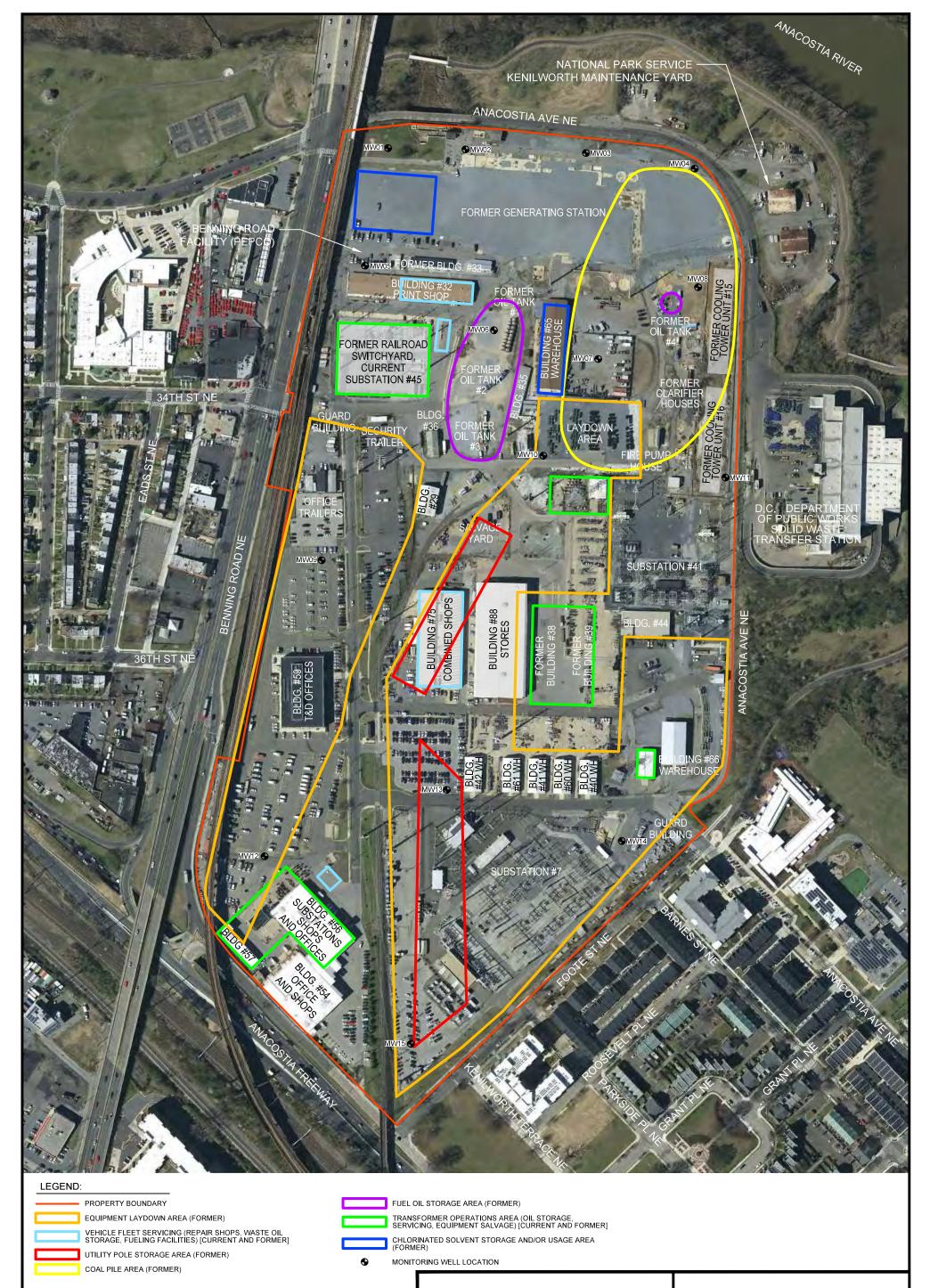
PERVIOUS VS IMPERVIOUS SITE SURFACE COVER

Date: 9/20/2018

Drawn By: KNS

Checked By: SED





**AECOM** 





BENNING ROAD FACILITY RI/FS PROJECT 3400 BENNING RD., NE WASHINGTON, DC 20019

CURRENT AND FORMER SITE OPERATIONS AREAS

DATE: 09/19/2018 DRAWN BY: LAD CHECKED BY: RD

OI ENATIONS ANEAS







TARGET AREA#



TARGET AREA



NPDES OUTFALL TO ANACOSTIA RIVER



BENNING RD FACILITY PROPERTY BOUNDARY



WATERSIDE INVESTIGATION AREA



STORM WATER UTILITY



APPROXIMATE FORMER CONSTRUCTED WETLANDS BOUNDARY APPROXIMATE LOCATION OF SEA WALL



15,000 GALLON TRANSFORMER OIL UST

#### TARGET AREA KEY:

- (1) FORMER SLUDGE DEWATERING AREA
- (2) BENNING FUELING ISLAND
- FORMER 50,000 GAL. AST AND 15,000 GAL. UST (3) No. 2 FUEL OIL
- (4) 2003 SALVAGE YARD INVESTIGATION
- (5) 1995 CLEANUP AREA
- (6) 1991 CLEANUP AREA
- (7) 1988 PARKING LOT CLEANUP AREA
- (8) 1985 EXCAVATION AREA
- (9) GREEN TAG STORAGE AREA
- (10) RED TAG STORAGE AREA
- (11) BUILDING #68 (PCB BUILDING) (12) BUILDING #57

- FORMER BULK STORAGE ASTs WITH LOADING RACK 550 GALLON FUEL OIL UST AND 2,000 GALLON USED OIL UST
- (14) FORMER RAILROAD SWITCHYARD
- (15) GENERATING STATION TRANSFORMERS
- (16) PRINT SHOP
- (17) STORM DRAIN SYSTEM
- (18) KENILWORTH FUELING ISLAND MTBE PLUME
- (19) PCE AND NAPHTHALENE IN GROUNDWATER
- (20) PAHs IN SOIL

BENNING ROAD FACILITY RI/FS PROJECT 3400 BENNING RD., NE WASHINGTON, DC 20019

TARGET INVESTIGATION AREAS

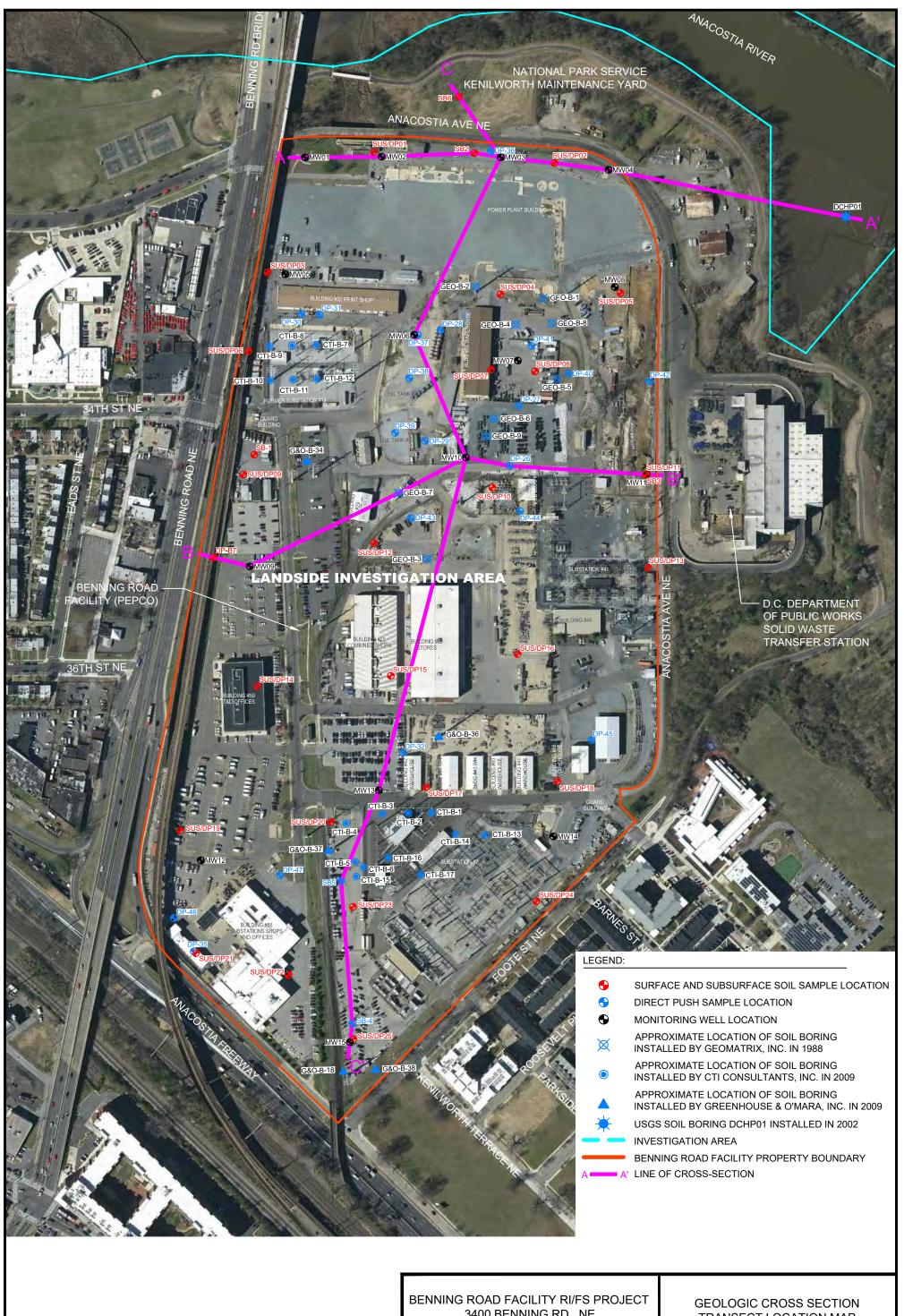
**AECOM** 





DRAWN BY: JB | CHECKED BY: RD DATE: 09/19/2018







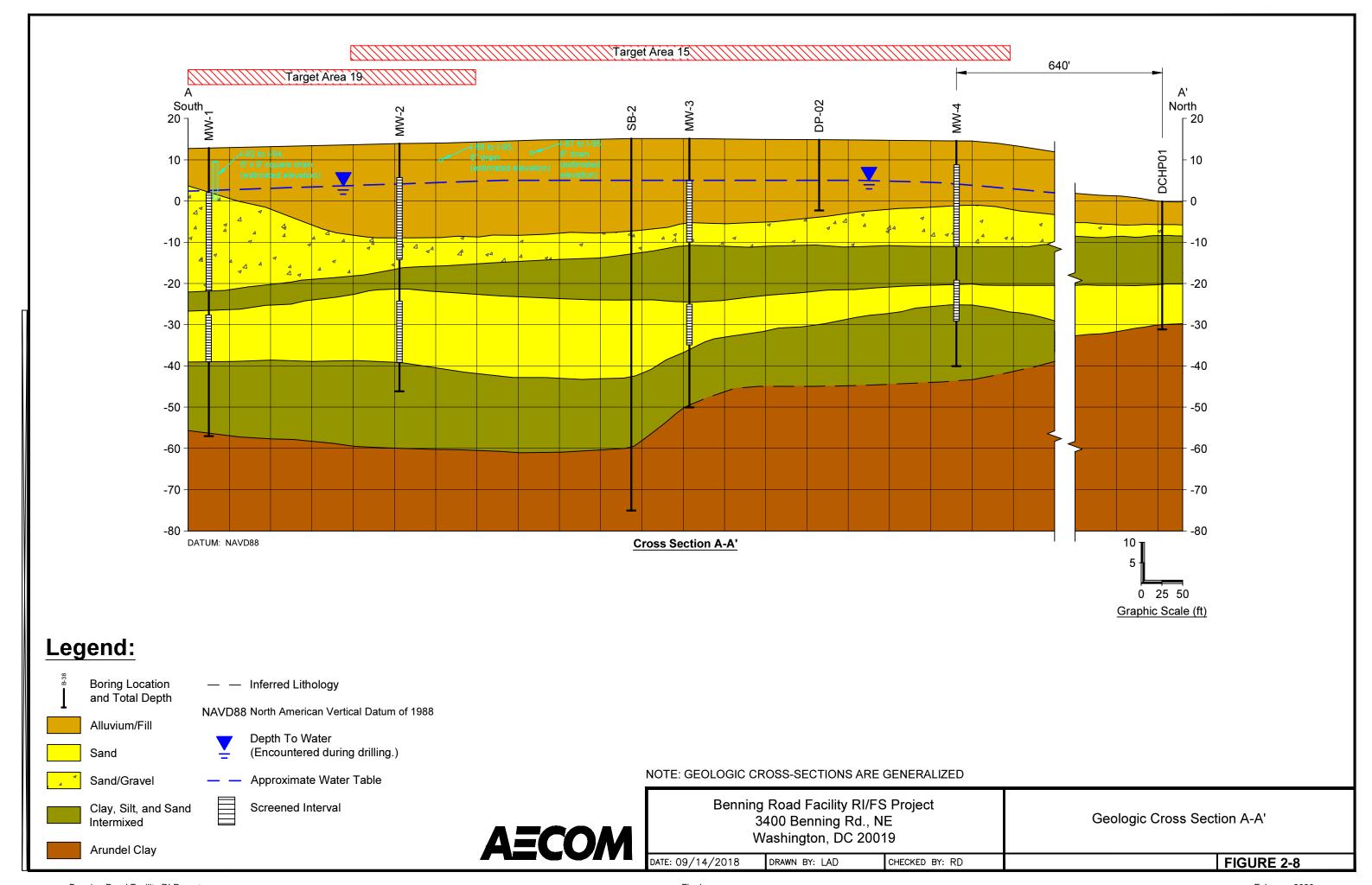


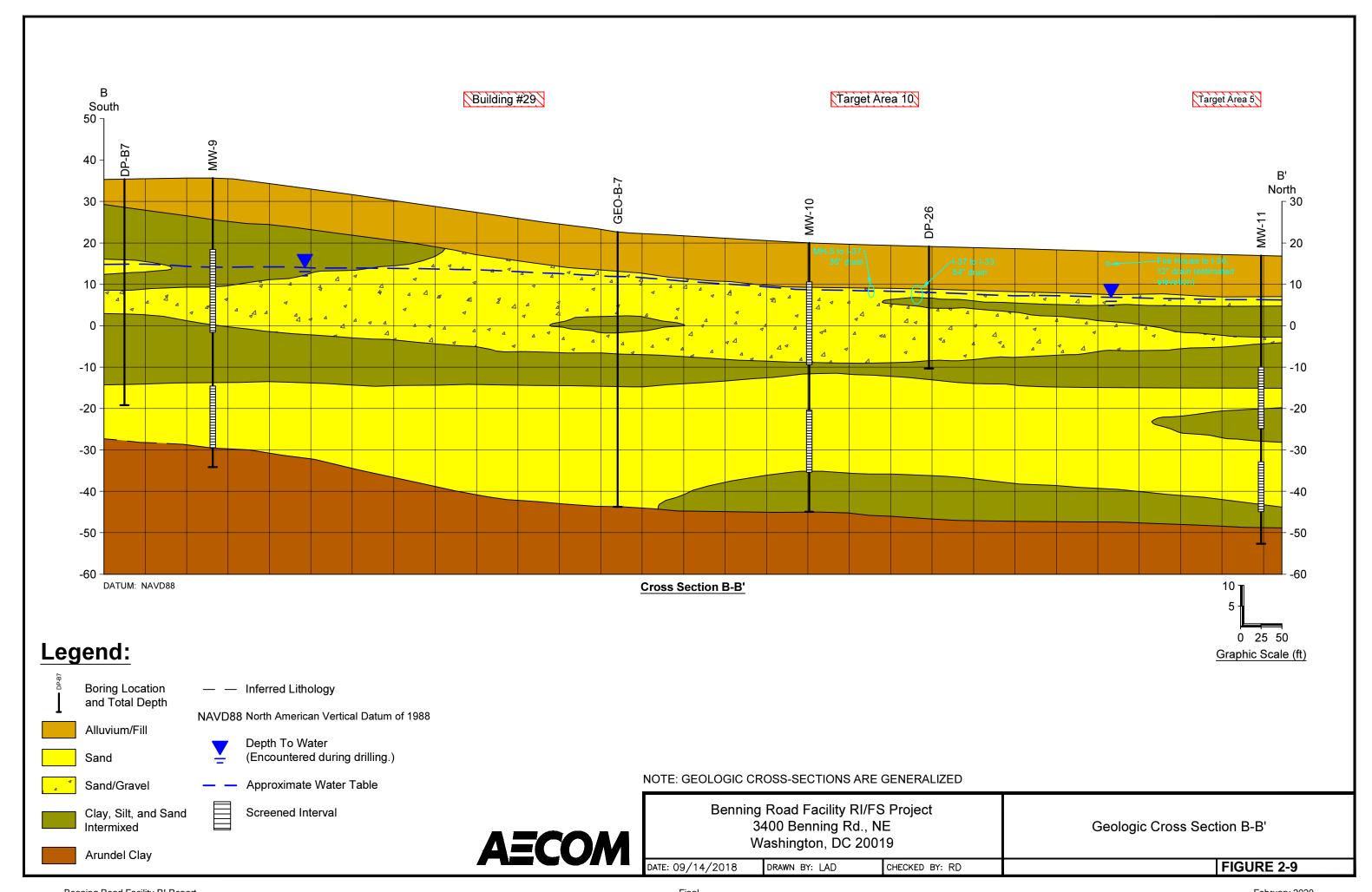


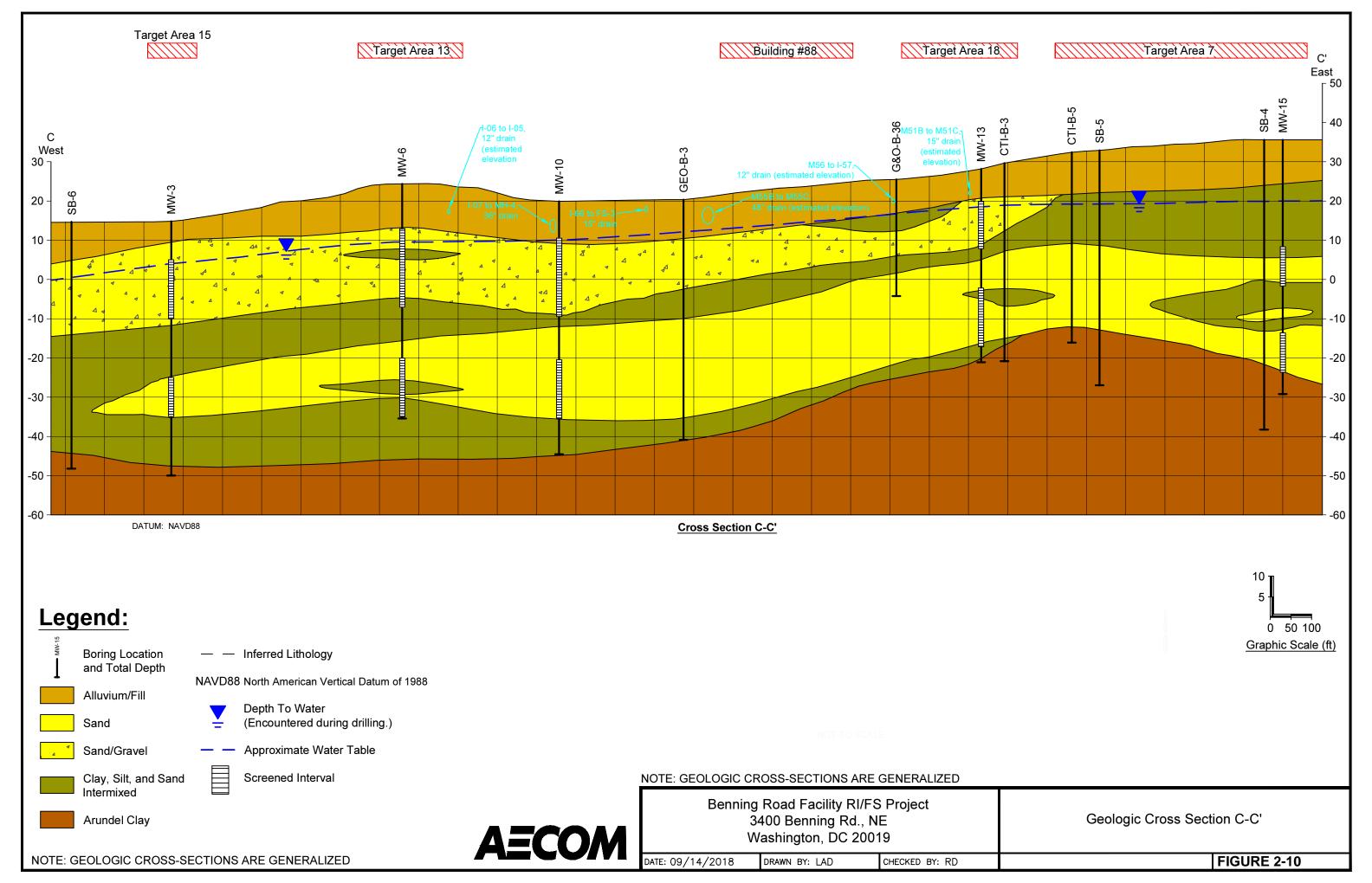
3400 BENNING RD., NE WASHINGTON, DC 20019

DATE: 09/19/2018 DRAWN BY: LAD CHECKED BY: RD

TRANSECT LOCATION MAP







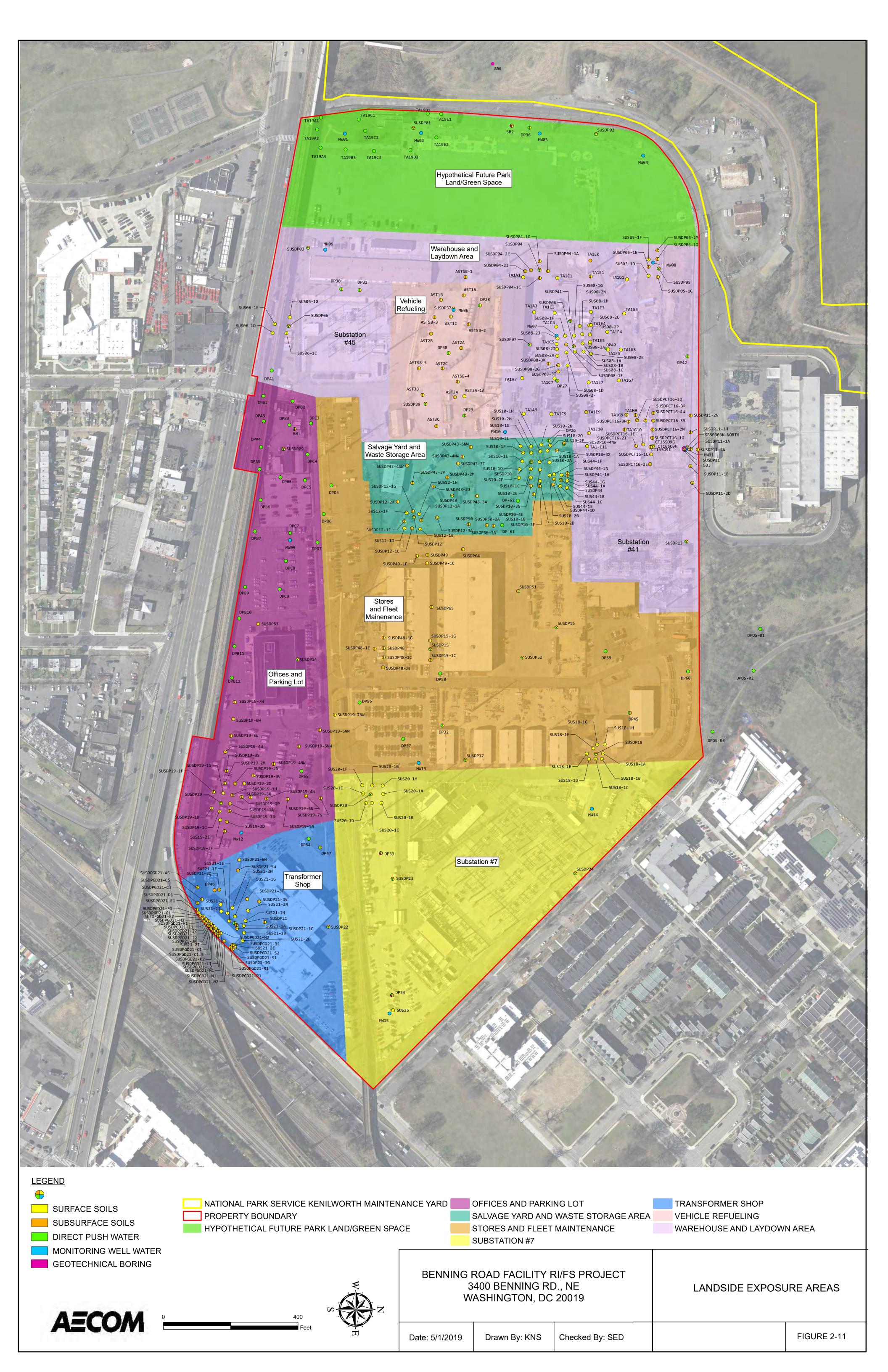


Figure 2-12 Landside Potential Cancer Risks Benning Road Facility FS Project

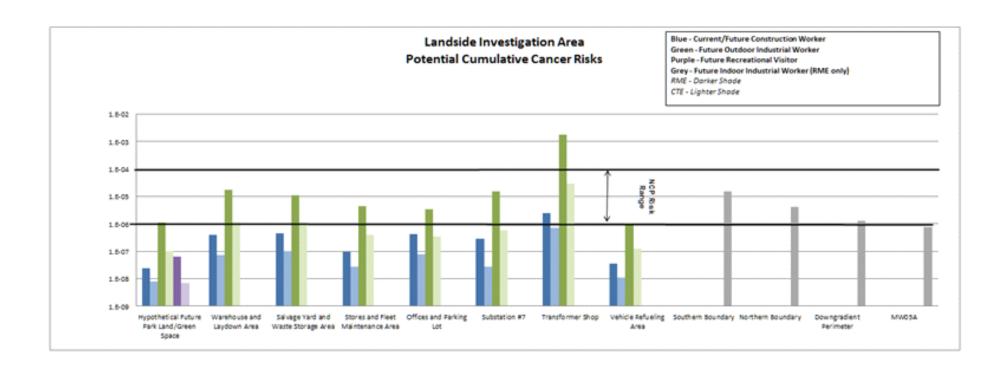


Figure 2-13
Landside Potential Noncancer Hazards
Benning Road Facility FS Project

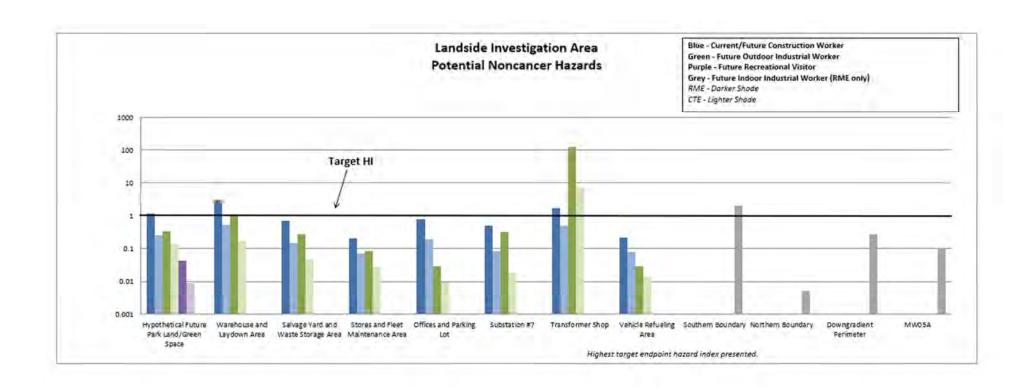


Figure 2-14

Landside (OU1) Conceptual Site Model - On-site Sources Contributing to Potential COCs

Benning Road Facility RI/FS Project

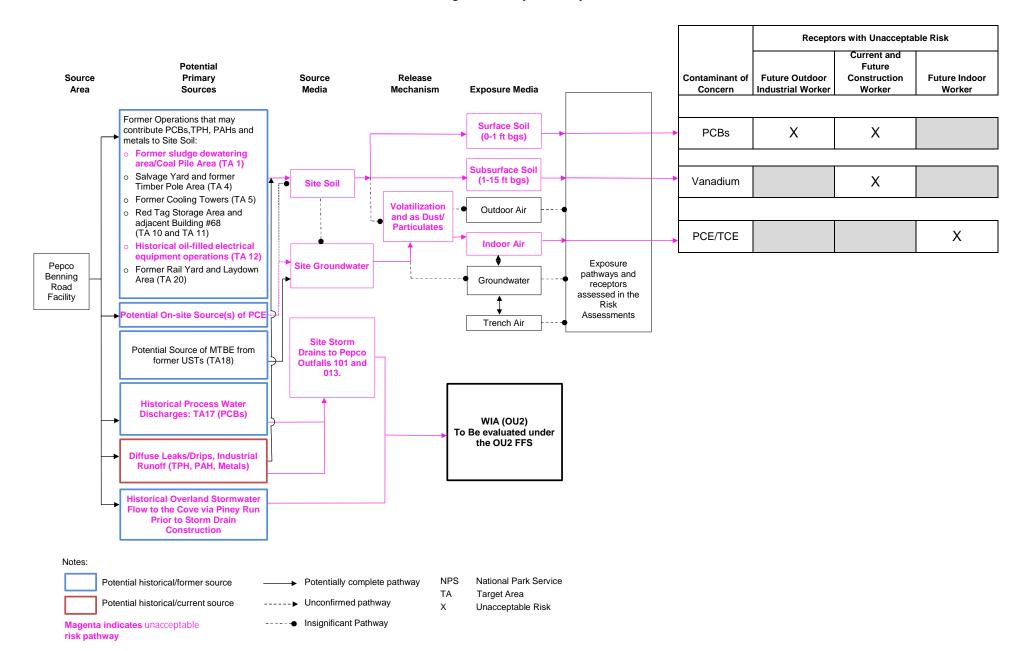
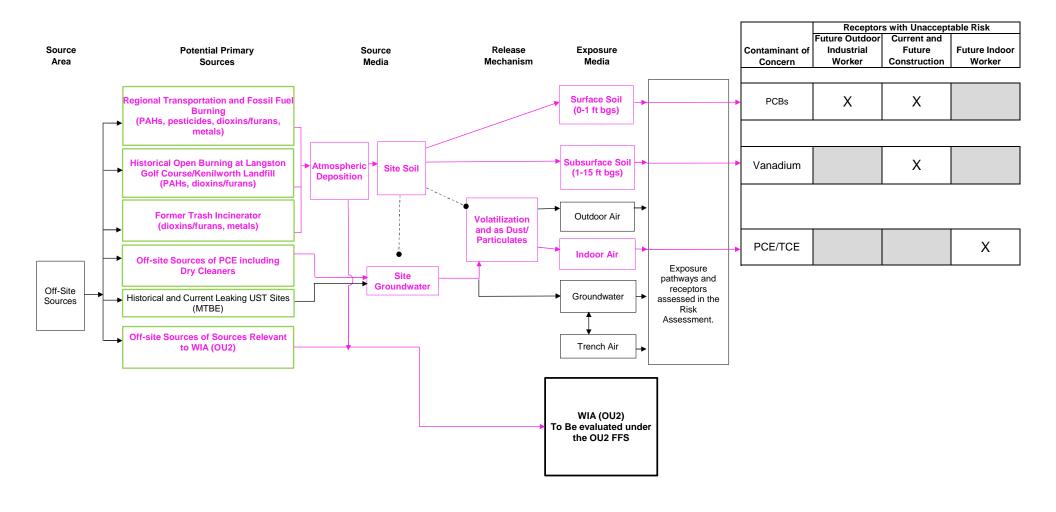


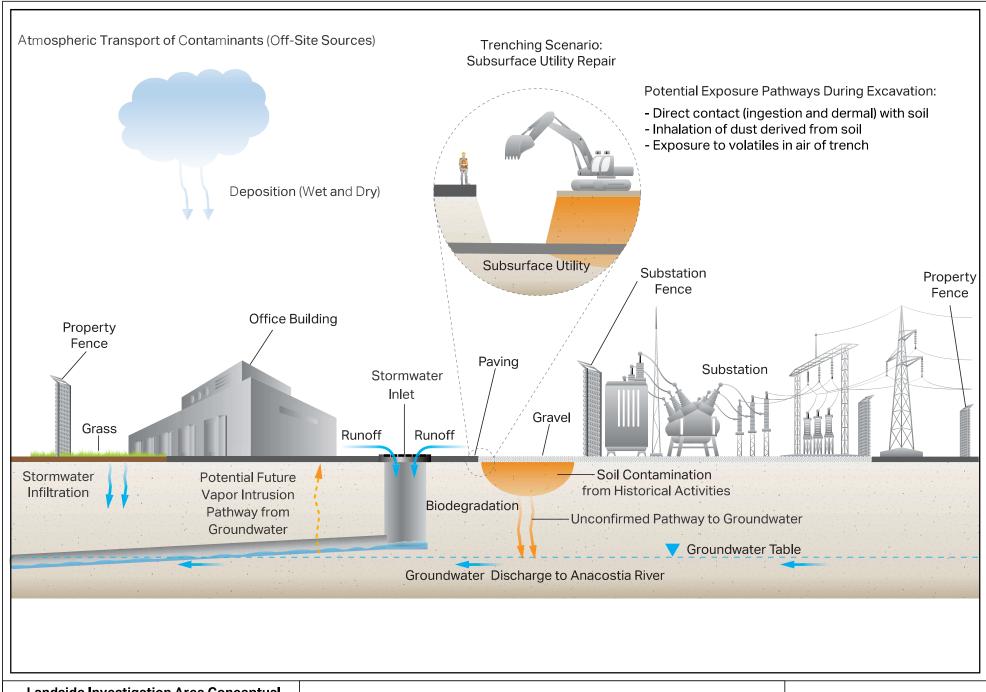
Figure 2-15

Landside (OU1) Conceptual Site Model - Off-Site Sources Contributing to Potential COCs

Benning Road Facility RI/FS Project







Landside Investigation Area Conceptual

Model

FIGURE 2-16

Benning Road Facility RI/FS Project 3400 Benning Road, NE Washington, DC 20019

