SITE INSPECTION REPORT FOR PER- AND POLYFLUOROALKYL SUBSTANCES AT FORMER FORT CHAFFEE, ARKANSAS

Prepared for:



Final January 2024

SITE INSPECTION REPORT FOR PER- AND POLYFLUOROALKYL SUBSTANCES AT FORMER FORT CHAFFEE, ARKANSAS

Final

Prepared for:

ODCS, G-9, ISE BRAC 600 Army Pentagon Washington, DC 20310

Donald Welch

Prepared by:

ARS Aleut Remediation 663 Emory Valley Rd Oak Ridge, TN 37830 Don Welch AAR – Corporate Quality Manager

Blake Smotherman

Kaleb Brumbaugh

AAR - Project Manager

AAR – Deputy Director – Environmental Services Group

Contract Number W912BV20D0037 Delivery Order Number W912BV21F0060

January 2024

FIGURES

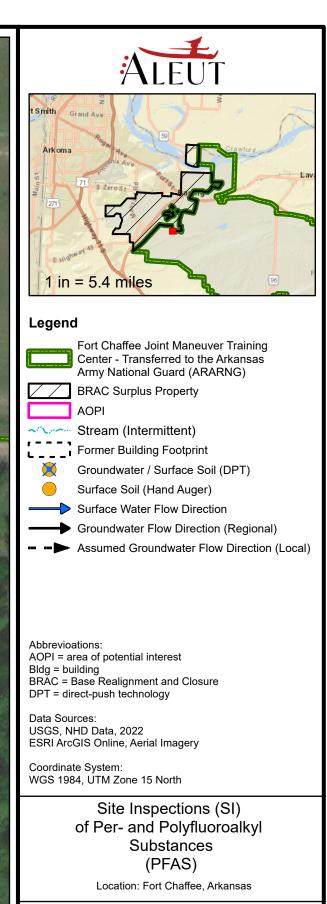
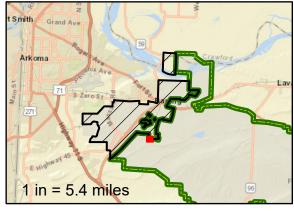


Figure 6-20: Hospital Area Fire Station (Building 3799) Sample Locaitons

Drawn By: K RESTER







Legend

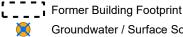
Fort Chaffee Joint Maneuver Training Center - Transferred to the Arkansas Army National Guard (ARARNG)



BRAC Surplus Property



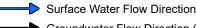
Stream (Intermittent)



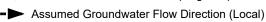
Groundwater / Surface Soil (DPT)



Surface Soil (Hand Auger)







Abbreviations:

AOPI = area of potential interest

Bldg = building

BRAC = Base Realignment and Closure

DPT = direct-push technology PFBS = perfluorobutanesulfonic acid

PFHxS = perfluorohexane sulfonate

PFNA = perfluorononanoic acid PFOA = perfluorooctanoic acid

PFOS = perfluorooctane sulfonate

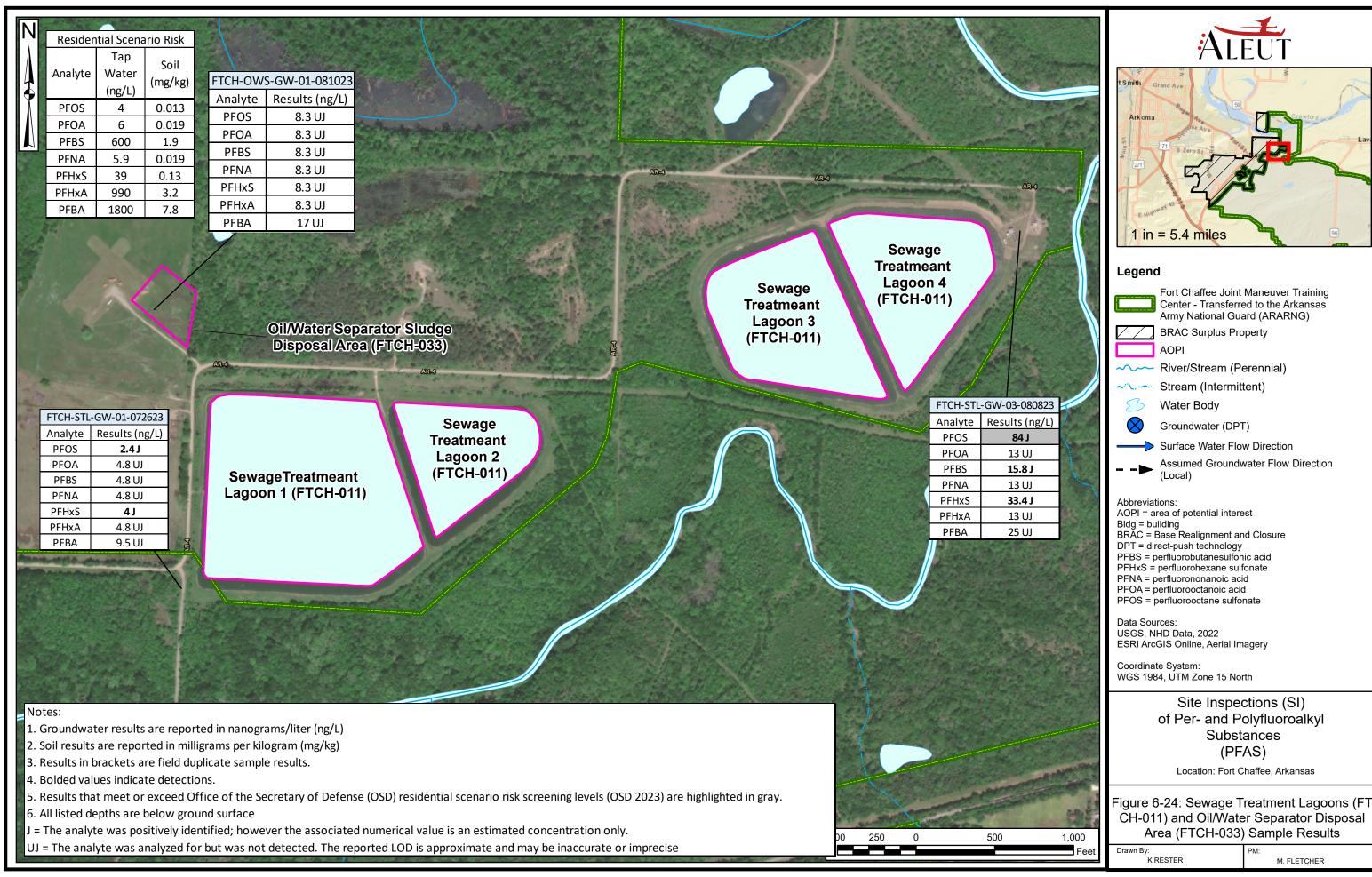
Data Sources: USGS, NHD Data, 2022 ESRI ArcGIS Online, Aerial Imagery

Coordinate System: WGS 1984, UTM Zone 15 North

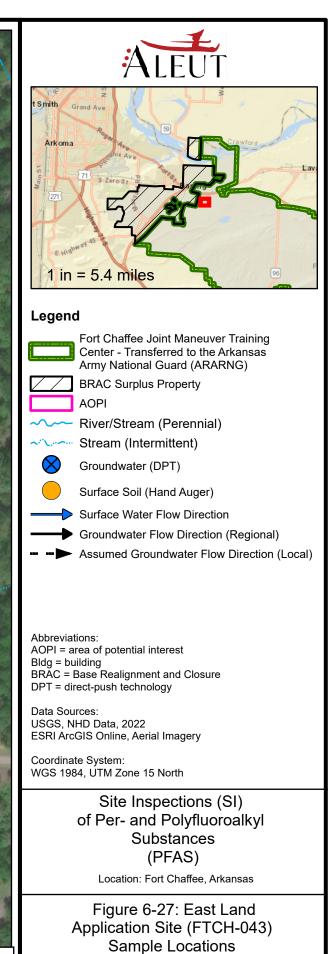
> Site Inspections (SI) of Per- and Polyfluoroalkyl Substances (PFAS)

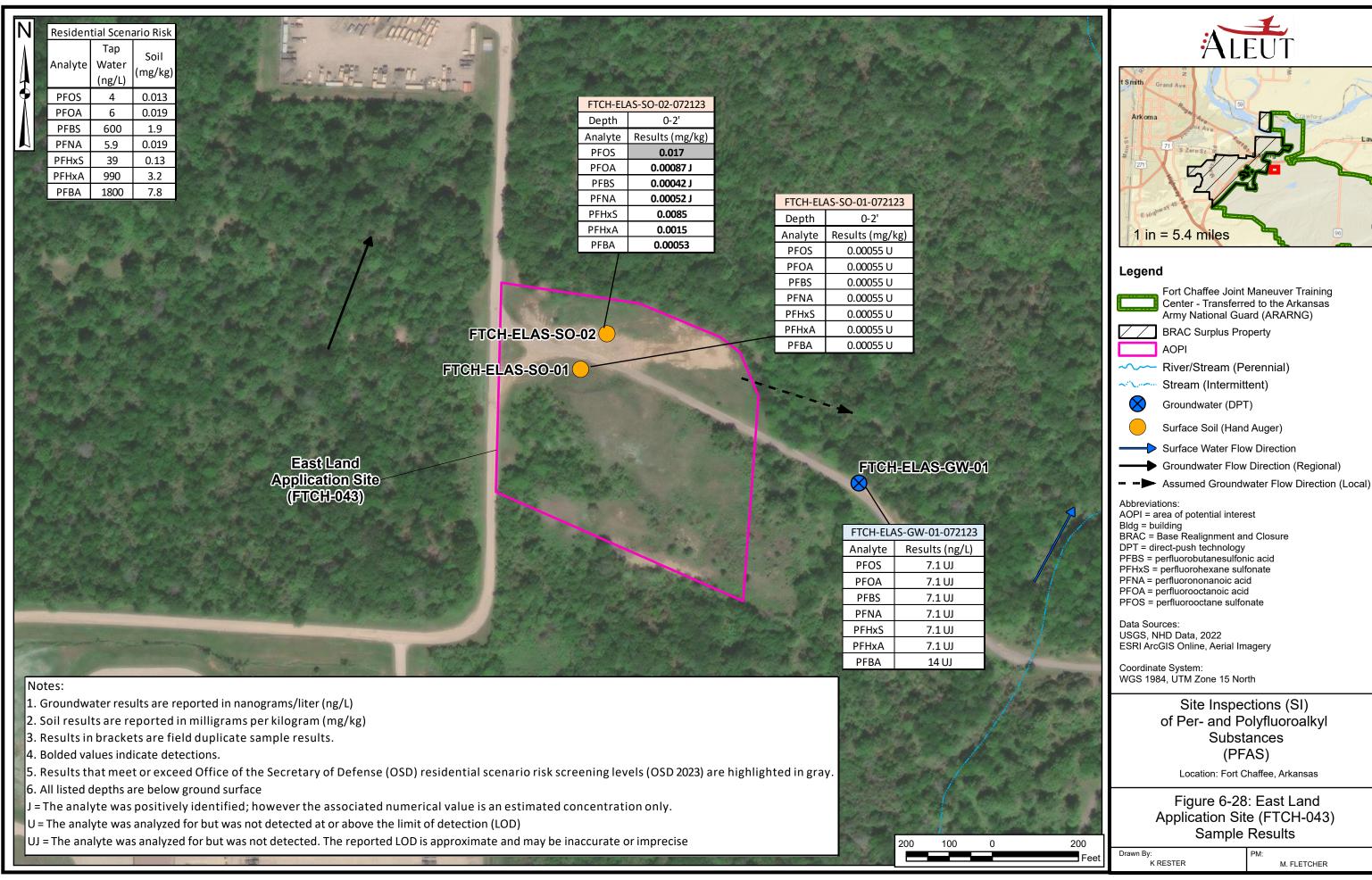
> > Location: Fort Chaffee, Arkansas

Figure 6-21: Hospital Area Fire Station (Building 3799) Sample Locaitons



(AAR Project Number) page FIGURE-28 Date: 1/11/2024





(AAR Project Number) Date: 12/14/2023 page FIGURE-32

Fort Chaffee Joint Maneuver Training

Center - Transferred to the Arkansas

Army National Guard (ARARNG)

Stream (Intermittent) Groundwater (DPT)

Surface Soil (Hand Auger) Surface Water Flow Direction

Site Inspections (SI)

of Per- and Polyfluoroalkyl

Substances (PFAS)

Location: Fort Chaffee, Arkansas

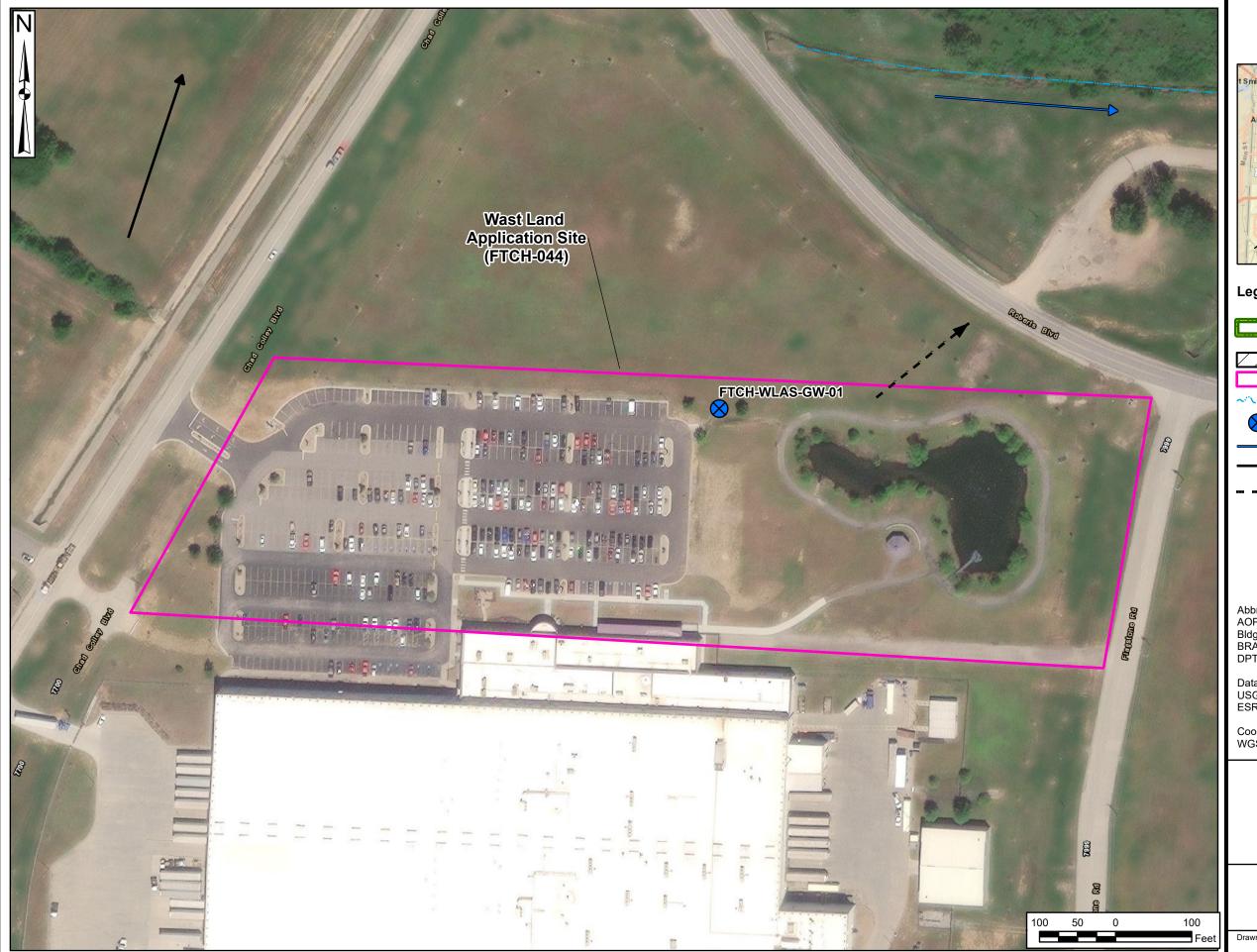
Figure 6-28: East Land

Application Site (FTCH-043)

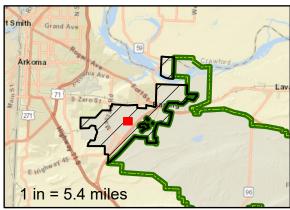
Sample Results

M. FLETCHER

AOPI







Legend



Fort Chaffee Joint Maneuver Training Center - Transferred to the Arkansas Army National Guard (ARARNG)



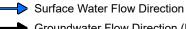
BRAC Surplus Property



Stream (Intermittent)



Groundwater (DPT)



Groundwater Flow Direction (Regional)



Assumed Groundwater Flow Direction

Abbreviations: AOPI = area of potential interest Bldg = building
BRAC = Base Realignment and Closure DPT = direct-push technology

Data Sources: USGS, NHD Data, 2022 ESRI ArcGIS Online, Aerial Imagery

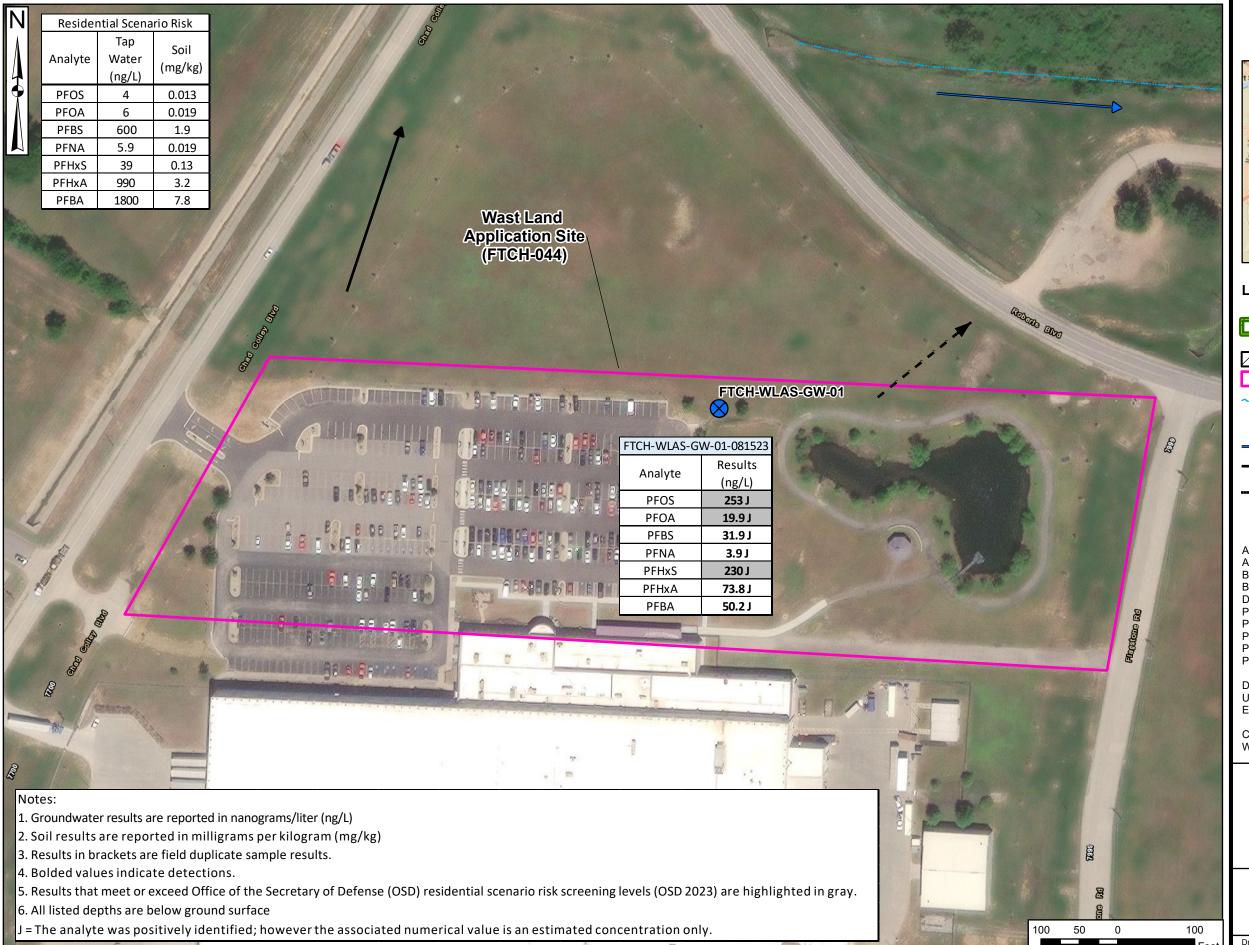
Coordinate System: WGS 1984, UTM Zone 15 North

Site Inspections (SI) of Per- and Polyfluoroalkyl Substances (PFAS)

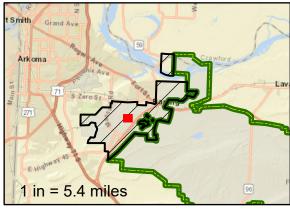
Location: Fort Chaffee, Arkansas

Figure 6-30: West Land Application Site (FTCH-044) Sample Location

Drawn By: K RESTER







Legend

Fort Chaffee Joint Maneuver Training Center - Transferred to the Arkansas Army National Guard (ARARNG)



BRAC Surplus Property



Stream (Intermittent)



Groundwater (DPT)



Surface Water Flow Direction Groundwater Flow Direction (Regional)



Assumed Groundwater Flow Direction

Abbreviations: AOPI = area of potential interest

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PFBS = perfluorobutanesulfonic acid PFHxS = perfluorohexane sulfonate

PFNA = perfluorononanoic acid

PFOA = perfluorooctanoic acid PFOS = perfluorooctane sulfonate

Data Sources:

USGS, NHD Data, 2022 ESRI ArcGIS Online, Aerial Imagery

Coordinate System: WGS 1984, UTM Zone 15 North

Site Inspections (SI) of Per- and Polyfluoroalkyl Substances (PFAS)

Location: Fort Chaffee, Arkansas

Figure 6-31: West Land Application Site (FTCH-044) Sample Results