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:

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Contract Number W912BV20D0037 Delivery Order Number W912BV21F0060

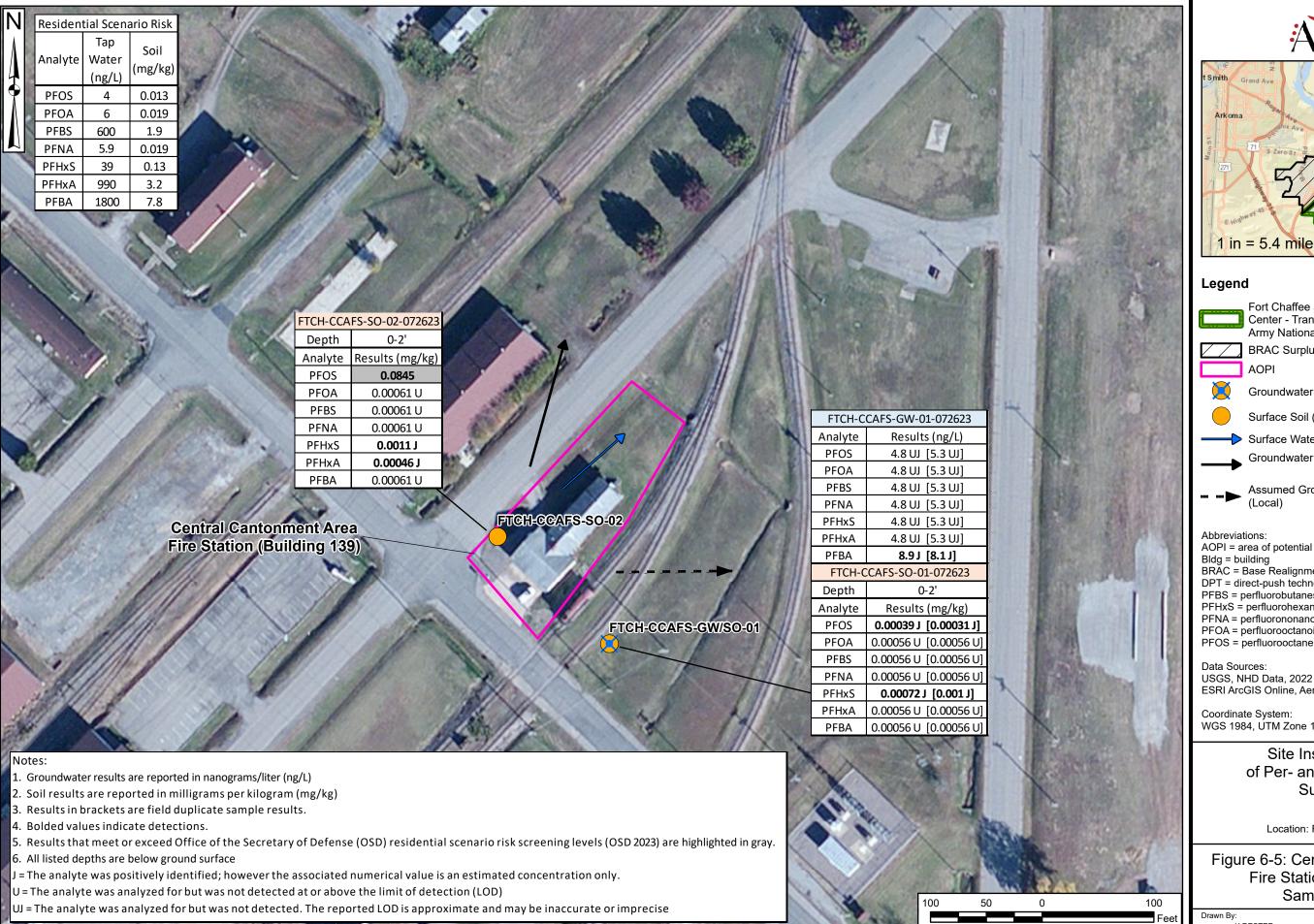
January 2024

FIGURES

1 in = 5.4 miles Legend Fort Chaffee Joint Maneuver Training Center - Transferred to the Arkansas Army National Guard (ARARNG) BRAC Surplus Property AOPI Groundwater / Surface Soil (DPT) Surface Soil (Hand Auger) Surface Water Flow Direction 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

M. FLETCHER

Fire Station (Building 139) Sample Locations



1 in = 5.4 milesLegend Fort Chaffee Joint Maneuver Training Center - Transferred to the Arkansas Army National Guard (ARARNG)



BRAC Surplus Property



Groundwater / Surface Soil (DPT)



Surface Soil (Hand Auger)



Surface Water Flow Direction



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

PFBS = perfluorobutanesulfonic acid

PFHxS = perfluorohexane sulfonate

PFNA = perfluorononanoic acid PFOA = perfluorooctanoic acid

PFOS = perfluorooctane sulfonate

Data Sources:

ESRI ArcGIS Online, Aerial Imagery

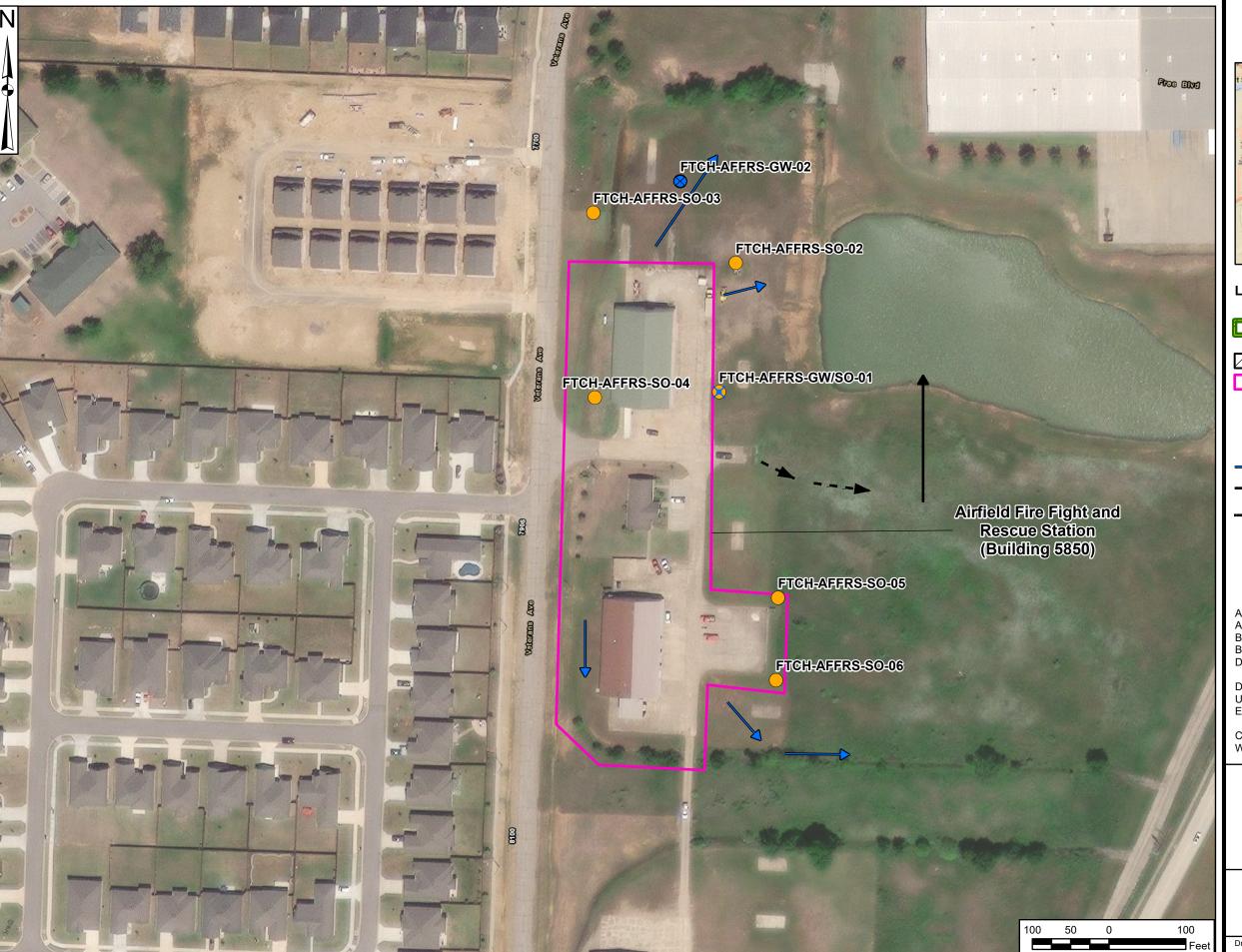
Coordinate System:

WGS 1984, UTM Zone 15 North

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

Location: Fort Chaffee, Arkansas

Figure 6-5: Central Cantonment Area Fire Station (Building 139) Sample Results



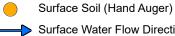




Groundwater (DPT)



Groundwater / Surface Soil (DPT)



Surface Water Flow Direction



Groundwater Flow Direction (Regional)

Assumed Groundwater Flow Direction

Abbrevlations: 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

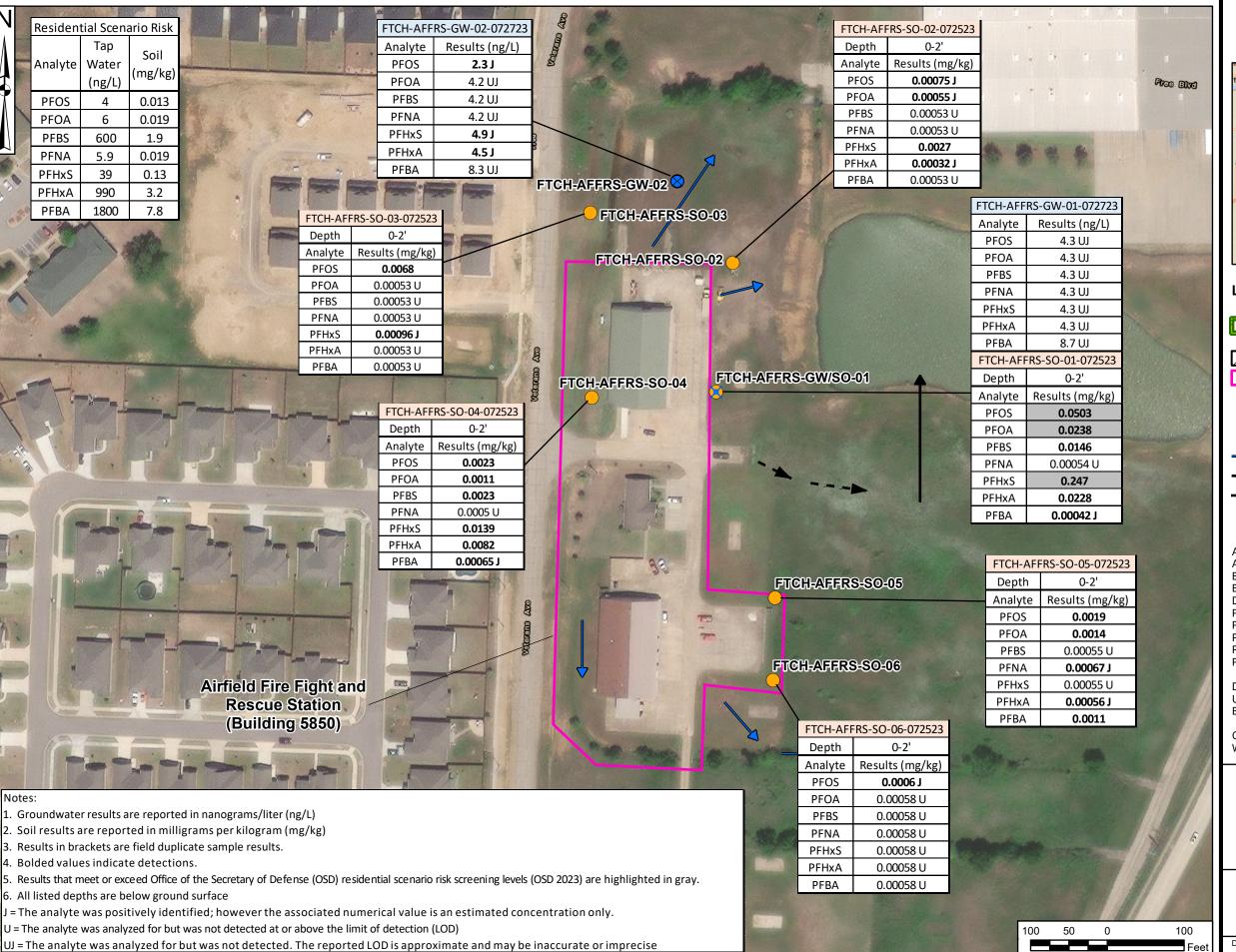
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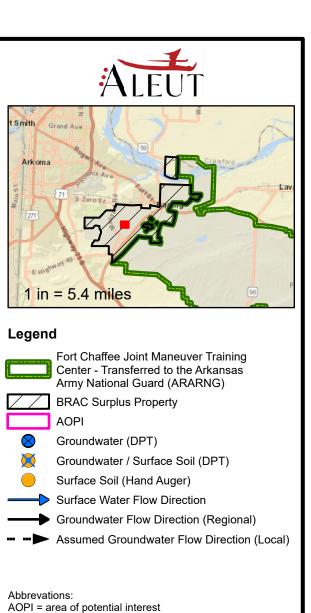
Site Inspections (SI) of Per- and Polyfluoroalkyl Substances (PFAS)

Location: Fort Chaffee, Arkansas

Figure 6-7: Airfield Fire Fight and Rescue Station (Building 5850) Sample Locations

Drawn By: K RESTER





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

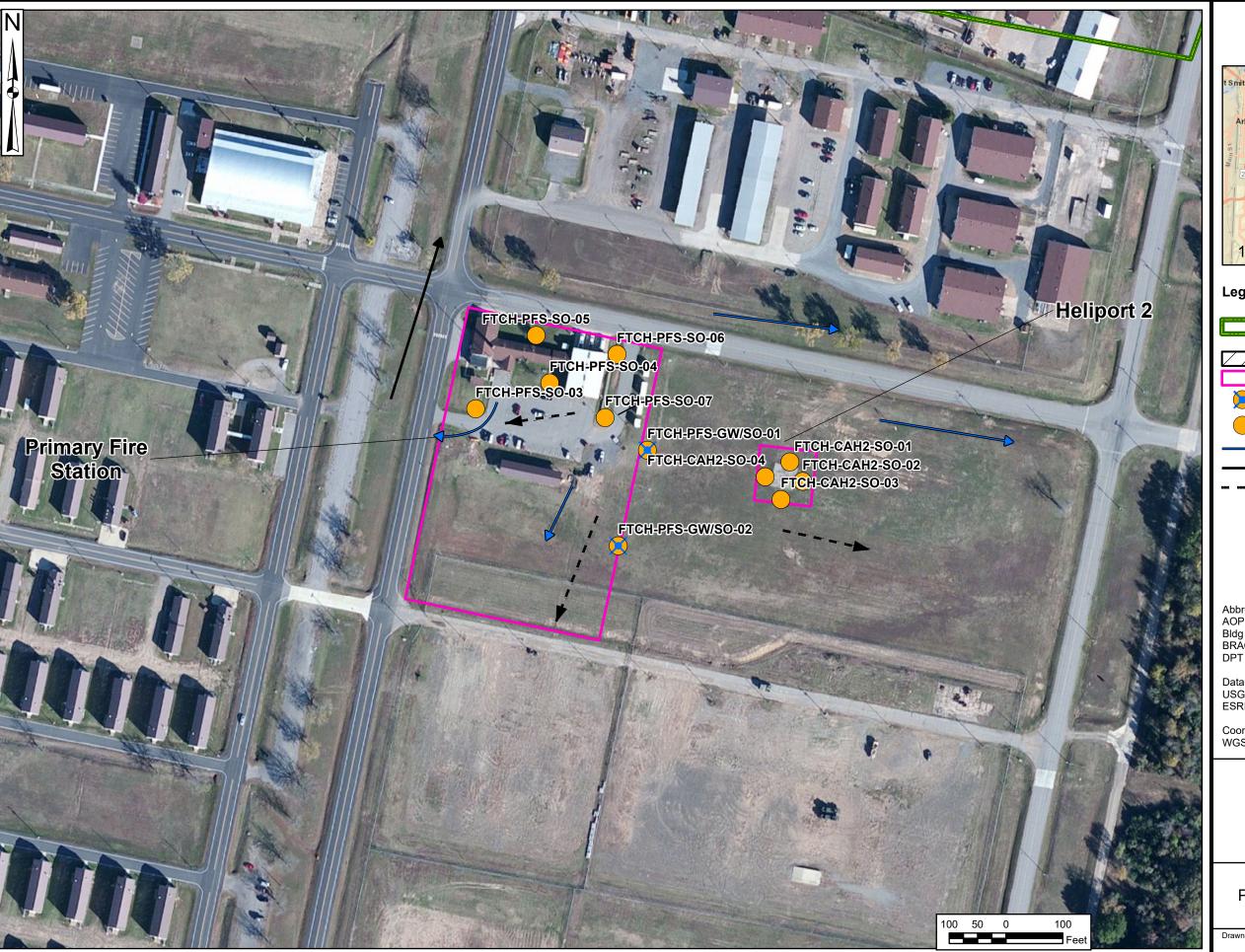
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WGS 1984, UTM Zone 15 North

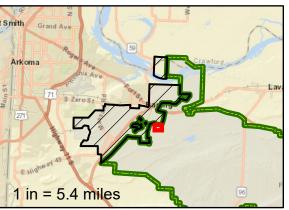
Site Inspections (SI) of Per- and Polyfluoroalkyl Substances (PFAS)

Location: Fort Chaffee, Arkansas

Figure 6-8: Airfield Fire Fight and Rescue Station (Building 5850) Sample Results







Legend

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



BRAC Surplus Property



Groundwater / Surface Soil (DPT)



Surface Soil (Hand Auger) Surface Water Flow Direction



Groundwater Flow Direction (Regional)



Assumed Groundwater Flow Direction (Local)

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 6-10: Primary Fire Station and Heliport 2 Sample Locations

Drawn By: K RESTER