

**WATER WELL RECORD (WWC-5)**

KOLAR DOC ID \_\_\_\_\_ WELL ID \_\_\_\_\_  
 Original Record      Correction      Change in Well Use

**LOCATION OF WATER WELL**

Latitude		Longitude		Section		Township		Range		E W	Fraction	¼	¼	¼
Datum		Elevation		County										

**WATER WELL OWNER**

Name	
Business	
Address	
Well location at owner's address	

**WELL WATER USE**

\_\_\_\_\_

**COMPLETION**

Depth of completed well: \_\_\_\_\_ ft.  
 Depth(s) groundwater encountered:  
 (1) \_\_\_\_\_ ft.; (2) \_\_\_\_\_ ft.;  
 (3) \_\_\_\_\_ ft.; (4) dry well

Static water level in well: \_\_\_\_\_ ft.  
 measured below land surface on (mm/dd/yy): \_\_\_\_\_  
 measured above land surface on (mm/dd/yy): \_\_\_\_\_

Estimated yield: \_\_\_\_\_ gpm  
 Water level was: \_\_\_\_\_ ft. after \_\_\_\_\_ hours  
 pumping \_\_\_\_\_ gpm  
 Pump installed?    Yes    No

Water well disinfected?    Yes    No  
 Date disinfected (mm/dd/yy): \_\_\_\_\_

Aquifer, if known: \_\_\_\_\_

**NEAREST SOURCE OF POTENTIAL CONTAMINATION**

Source: \_\_\_\_\_  
 Distance from well: \_\_\_\_\_      Direction from well: \_\_\_\_\_  
 Source description: \_\_\_\_\_

Source: \_\_\_\_\_  
 Distance from well: \_\_\_\_\_      Direction from well: \_\_\_\_\_  
 Source description: \_\_\_\_\_

No potential source of contamination within 100 feet.

**CONSTRUCTION**

Borehole interval: from _____ to _____ ft.	Borehole diameter: _____ in.
Borehole interval: from _____ to _____ ft.	Borehole diameter: _____ in.
Casing height above land surface: _____ in. If casing height is less than 12 in. has a variance been approved?*    Yes    No *variance not required for monitoring or environmental remediation wells	
Casing type: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in. Casing joints: _____ Weight: _____ lbs/ft. Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in. Casing joints: _____ Weight: _____ lbs/ft. Wall thickness or gauge no.: _____	
Grout interval: _____ ft. to _____ ft. Grout material: _____	
Grout interval: _____ ft. to _____ ft. Grout material: _____	
Screen / perforation material: _____	
Screen / perforation openings: _____	
Screen / perforation intervals: From _____ ft. to _____ ft. Slot size _____ unit _____	
From _____ ft. to _____ ft. Slot size _____ unit _____	
Gravel pack intervals: Gravel pack not used:    Gravel size _____ in. From _____ ft. to _____ ft.	
Gravel pack not used:    Gravel size _____ in. From _____ ft. to _____ ft.	

**PERMIT & ID NUMBERS (AS REQUIRED)**

DWR Application No.: \_\_\_\_\_  
 KDHE / EPA Project Code: \_\_\_\_\_  
 Site Name: \_\_\_\_\_  
 KDHE UIC Class V Form Completed:    Yes    No  
 County Permit:    Yes    No    Permit ID: \_\_\_\_\_  
 Lease Name & Well #: \_\_\_\_\_  
 # of boreholes: \_\_\_\_\_    # of dewatering wells: \_\_\_\_\_

**LITHOLOGIC LOG**

FROM	TO	LITHOLOGY INTERVALS

**COMMENTS**

\_\_\_\_\_

**CONTRACTOR'S OR LANDOWNERS CERTIFICATION**

This water well was    constructed    reconstructed    pursuant to the stated water well contractor's license and was completed on \_\_\_\_\_. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on \_\_\_\_\_ under the business name of \_\_\_\_\_, Kansas Water Well Contractor's License No. \_\_\_\_\_ under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: \_\_\_\_\_.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

Form	WWC5.2 - Water Well Record
Doc ID	1801465
Well Owner	KANSAS ARMY NATIONAL GUARD
Contractor	Plains Environmental Services, Inc. - #1039

Grout

From	To	Grout Material
0	1	Cement
1	34.6	Other
34.6	36.8	Bentonite

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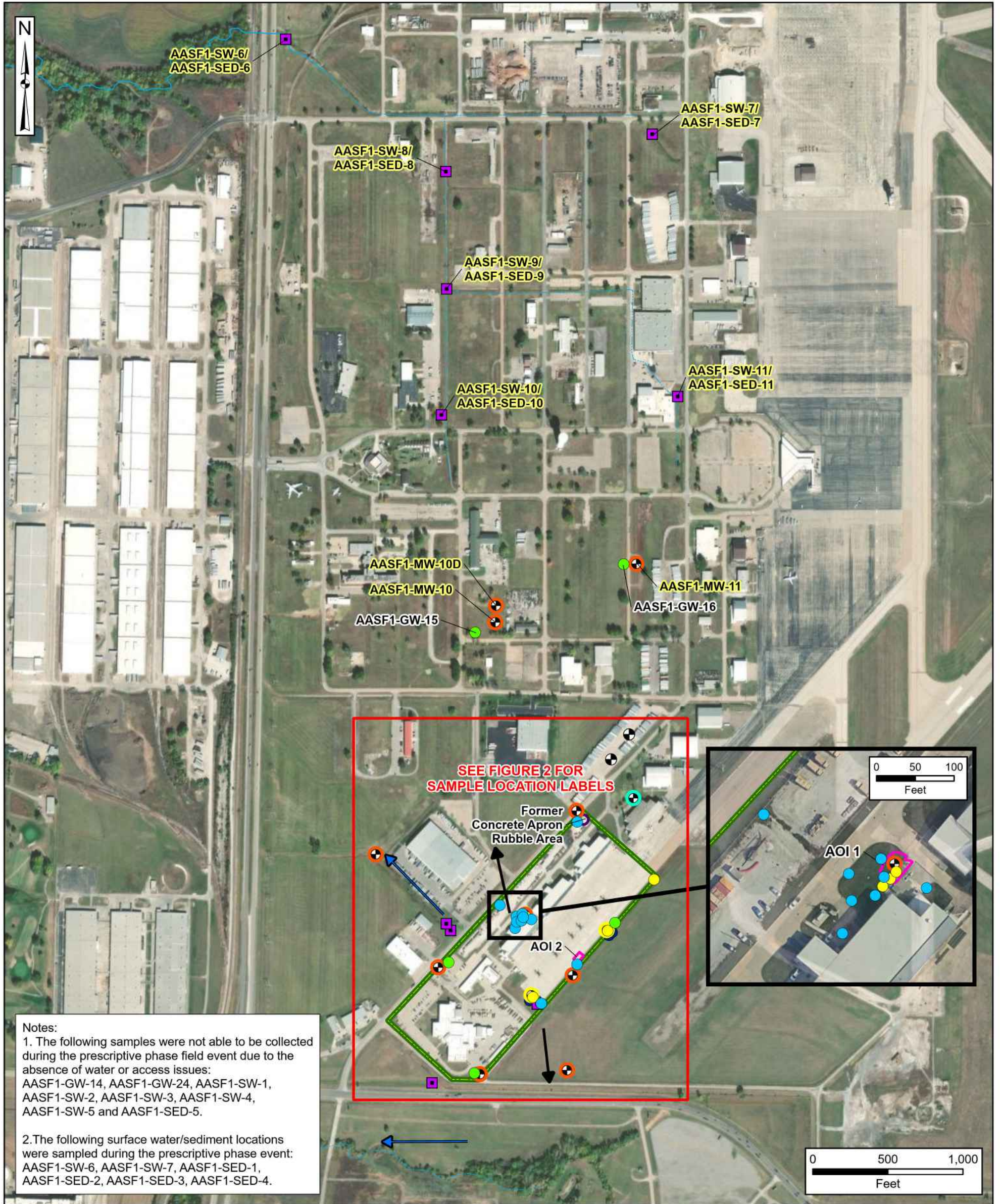
Lithology

From	To	Lithology Intervals
0	.5	clay,sandy
.5	3.5	clay,silty
3.5	8	clay,sandy
8	9	clay,sandy
9	11	clay,sandy
11	12	limestone,highly weathered
12	15	limestone,moderately weathered
15	16	shale,moderately weathered
16	18.5	coal,moderately weathered
18.5	23	shale,moderately weathered
23	26	limestone,slightly weathered
26	29	shale,moderately weathered
29	38	shale,moderately weathered
38	43	sandstone,slightly weathered
43	50	shale,moderately weathered



# PFAS Remedial Investigation Topeka AASF, Topeka, Kansas

## Figure 1 FPR001 Proposed Sampling Locations for AOI 1 and AOI 2 (Overview)



**Notes:**  
 1. The following samples were not able to be collected during the prescriptive phase field event due to the absence of water or access issues:  
 AASF1-GW-14, AASF1-GW-24, AASF1-SW-1, AASF1-SW-2, AASF1-SW-3, AASF1-SW-4, AASF1-SW-5 and AASF1-SED-5.  
 2. The following surface water/sediment locations were sampled during the prescriptive phase event:  
 AASF1-SW-6, AASF1-SW-7, AASF1-SED-1, AASF1-SED-2, AASF1-SED-3, AASF1-SED-4.

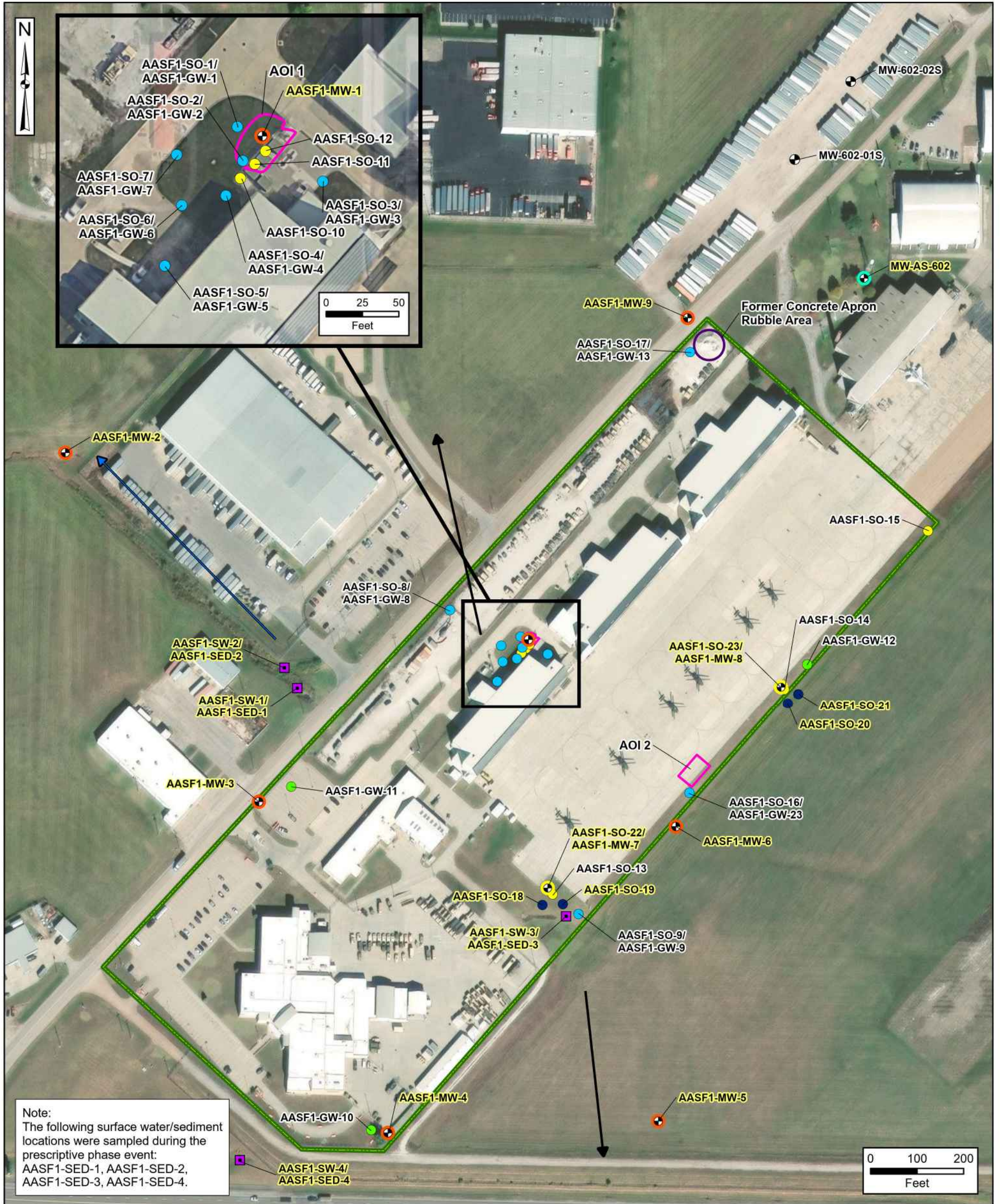
Facility Boundary	Surface Water Flow Direction	<b>Proposed Adaptive Sample Locations</b>	AOI = area of interest
Area of Interest	Estimated Groundwater Flow Direction	Soil (Hand Auger) (4 total)	
Secondary Release Area	<b>Prescriptive Sample Locations</b>	Surface Water/Sediment (10 total)	
River/Stream (Perennial)	Soil	Existing Monitoring Well (Grab Sample) (1 total)	
Stream (Intermittent)	Soil Boring/Grab Groundwater	New Permanent Monitoring Well (10 total)	
NHD Waterbody	Grab Groundwater	Soil Boring/Permanent Monitoring Well (2 total)	
	Existing Monitoring Well		

Data Sources:  
 AECOM, GIS Data  
 ESRI, ArcGIS Online, Aerial Imagery  
 Google Earth, Aerial Imagery (Inset)  
 Coordinate System:  
 WGS 1984, UTM Zone 15 North



PFAS Remedial Investigation  
Topeka AASF, Topeka, Kansas

**Figure 2**  
**FPR001 Proposed Sampling Locations for**  
**AOI 1 and AOI 2 (Facility Only)**



Note:  
The following surface water/sediment  
locations were sampled during the  
prescriptive phase event:  
AASF1-SED-1, AASF1-SED-2,  
AASF1-SED-3, AASF1-SED-4.

- |                                      |                                      |  |                        |
|--------------------------------------|--------------------------------------|--|------------------------|
| Facility Boundary                    | <b>Prescriptive Sample Locations</b> | <b>Proposed Adaptive Sample Locations</b>        | AOI = area of interest |
| Area of Interest                     | Soil                                 | Soil (Hand Auger) (4 total)                      |                        |
| Secondary Release Area               | Soil Boring/Grab Groundwater         | Surface Water/Sediment (10 total)                |                        |
| Surface Water Flow Direction         | Grab Groundwater                     | Existing Monitoring Well (Grab Sample) (1 total) |                        |
| Estimated Groundwater Flow Direction | Existing Monitoring Well             | New Permanent Monitoring Well (10 total)         |                        |
|                                      |                                      | Soil Boring/Permanent Monitoring Well (2 total)  |                        |

Data Sources:  
AECOM, GIS Data  
ESRI, ArcGIS Online, Aerial Imagery  
Google Earth, Aerial Imagery (Inset)

Coordinate System:  
WGS 1984, UTM Zone 15 North