

Prepared For:

Wichita Airport Authority

October 25, 2023





Environmental Scientist's Certification

I hereby certify that this Preliminary Water and Wetland Delineation for the Colonel James Jabara Airport project was prepared by Garver under my direct supervision for the Wichita Airport Authority.

gom alison

Prepared by:

John Allison

Environmental Scientist

Reviewed by:

Megan Philips-Schaap, QAWB Senior Environmental Scientist





Table of Contents

Table	of Contents	2
List of	Appendices	2
	Introduction	
1.1	Study Area	3
1.2	Regulatory Basis	4
2.0	Methodology	4
3.0	Results	5
3.1	Wetlands	5
3.2	Streams	8
	Summary	
4.0	References	10

List of Appendices

Appendix A Study Area Figures

Appendix B Site Photographs

Appendix C Data Forms

Appendix D Weather Data





1.0 Introduction

Garver is a subconsultant to Coffman Associates, Inc. (Coffman), to provide environmental services to the Wichita Airport Authority (Owner) for future development on Colonel James Jabara Airport property. The study area consists of an 80-acre parcel on the south side of E. 45th St. N., and a 95-acre parcel on the north side of E. 45th St. N.

The Owner is assessing the environmental features present in the study area (**Figure 1** in **Appendix A**) for evaluation of stream and wetland impacts. As a result, Coffman has retained Garver to develop documents and conduct a preliminary wetland delineation within the study area. Garver completed a site visit of the study area on August 28 and 29, 2023.

1.1 Study Area

The study area is in the Wellington-McPherson Lowlands ecoregion (EPA Level IV) in the City of Wichita and Bel Aire in Sedgwick County, Kansas. This ecoregion is relatively flat to rolling alluvial plain, comprised of unconsolidated sand, silt, and gravel (GeoKansas 2023). The entire study area consists of two parcels on the north and south side of E. 45th St. N (**Figure 2** in **Appendix A**), that is 175 acres combined.

- The south section (80 acres) is located on the southeast corner of E. 45th St. N. and N.
 Webb Road
- The north section (95 acres) is located on the northeast corner of E. 45th St. N and N.
 Webb Road

Topographically, the study area remains relatively flat throughout. Elevations range from 1,393 to 1,424 feet throughout the study area. Most of the study area consists of wetlands, cropland, scrubshrub habitat, and one building and driveway on each parcel. Land use adjacent to the study area consists primarily of cropland to the east, urban neighborhoods to the west, the Colonel James Jabara Airport and the National Institute for Aviation Research (Wichita State University Tech) to the south, and privately owned businesses to the north. The south section of the study area is within the Zone AE floodway of Dry Creek.





1.2 Regulatory Basis

Discharges of dredged or fill material into Waters of the United States are regulated under Section 404 of the Clean Water Act (CWA). Any such action proposed in wetlands or other Waters of the U.S. (WOTUS) are subject to review by the U.S. Army Corps of Engineers (USACE) and other federal and state agencies and require authorization by USACE. For jurisdictional purposes, USACE and the U.S. Environmental Protection Agency (EPA) jointly define wetlands as follows: Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas (USACE 1987). According to the new WOTUS 2023 rule, for a wetland to be considered adjacent, and therefore jurisdictional, it must have a continuous surface connection with a relatively permanent body of water (RPW) or a traditionally navigable water (TNW; EPA 2023).

2.0 Methodology

Before conducting the field surveys, Garver reviewed pertinent background information to gain familiarity with the natural surroundings of the study area including past and current aerial photography, U.S. Geological Survey (USGS) topographic quadrangle maps (Figure 2 in Appendix A), Natural Resources Conservation Service (NRCS) soils data (Figure 3 in Appendix A) and National Wetlands Inventory (NWI) data (Figure 4 in Appendix A). The U.S. Fish and Wildlife Service (USFWS) in cooperation with Cowardin, et al. (1979), has identified a classification system that is widely accepted by the USACE in relation to classifying wetland habitats (i.e., Classification of Wetlands and Deepwater Habitats of the United States). Using the Cowardin system, USFWS provides preliminary wetland data for the U.S. through the NWI. According to the USFWS NWI online database mapper (2023), there is one riverine wetland, five palustrine aquatic bed semi-permanently flooded, diked/impounded wetlands, and three freshwater emergent wetlands within the study area (Figure 4 in Appendix A).

A field investigation of the proposed study area was performed by Shane Manion and John Allison of Garver on August 29 and 30, 2023. The closest weather station with recorded data is Sawmill





Creek - (KKSGREEN2) which is located approximately 0.55 mile west of the study area. Precipitation data for the area indicates no rainfall was received two weeks prior to the field investigation.

The entire study area was visually inspected to locate areas of potentially jurisdictional wetlands and waterways. According to the 1960 Greenwich, KS. 7.5-minute USGS topographic quadrangle, one intermittent stream and two ponds occur within the study area. Wetlands delineated within the Study Area are identified on figures with a "W" followed by a numerical identification number. Streams delineated within the study area are identified with an "S" followed by a numerical identification number (see **Figure 5** in **Appendix A**). Detailed information was collected at nineteen locations to document the upland and stream characteristics observed on the site (ten upland points (UP's), seven wetland points (W's), and two stream forms). In addition to these nineteen locations, photographs were taken throughout the site. Photographs of the aquatic features present on the site were taken during the wetland delineation and are provided in **Appendix B**. Wetland determinations were made using observable vegetation, hydrology, and soils in accordance with the routine approach described in the USACE Wetland Delineation Manual (1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Great Plains Region (Version 2.0). Data forms can be found in **Appendix C**. Detailed delineation figures are provided in **Appendix A**.

3.0 Results

3.1 Wetlands

W1 – This feature is an NWI-mapped wetland classified as a PABFh (Palustrine, Aquatic Bed, Semipermanently Flooded, Diked/Impounded) wetland, but was observed as a PSS1h (Palustrine, Scrub-shrub, Persistent, Diked/Impounded) wetland. This feature was located in the south section of the study area. Approximately 1.45 acres of W1 occur within the study area. This feature displayed hydric soil, an algal mat, drainage patterns, crayfish burrows, saturation visible on aerial imagery, geomorphic position, and FAC-neutral test. W1 likely receives water from ephemeral tributaries (e.g., S1) during periods of heavy rainfall and precipitation. Vegetation observed includes black willow (*Salix nigra*), narrow-leaf cat-tail (*Typha angustifolia*), pinkweed





(*Persicaria pensylvanica*), and giant cane (*Arundinaria gigantea*). According to the Environmental Protection Agency (EPA) and USACE's final rule issued in 2023, this wetland is not likely subject to regulation by the USACE as it is not an (a)(1) water and does not have a continuous surface connection to an (a)(2) or (a)(3) water.

W2 – This feature is an NWI-mapped wetland classified as a PABFh wetland, but was observed as a PFO1h (Palustrine, Forested, Persistent, Diked/Impounded) wetland. This feature was located adjacent to W1 in the south section of the study area as W1 transitions into a PFO. Approximately 0.24 acre of W2 occurs within the study area. This feature displayed hydric soil, surface soil cracks, geomorphic position, and the FAC-neutral test. W2 likely receives water from ephemeral tributaries (e.g., S1) during periods of heavy rainfall and precipitation. Vegetation observed includes black willow, giant ragweed (*Ambrosia trifida*), annual marsh-elder (*Iva annua*), and perennial rye grass (*Lolium perenne*). According to the EPA and USACE's final rule issued in 2023, this wetland is not likely subject to regulation by the USACE as it is not an (a)(1) water and does not have a continuous surface connection to an (a)(2) or (a)(3) water.

W3 – This feature is an NWI-mapped wetland classified as a PABFh wetland, but was observed as a PEM1F (Palustrine, Emergent, Persistent, Semipermanently Flooded) wetland. This feature is located just south of E 45th St. N and north of W2. Approximately 0.33 acre of W3 occurs within the study area. This feature displayed hydric soil, drift deposits, inundation visible on aerial imagery, surface soil cracks, oxidized rhizospheres on living roots, geomorphic position, and the FAC-neutral test. W3 likely receives water from ephemeral tributaries (i.e., S1 and S2) during periods of heavy rainfall and precipitation. Vegetation observed includes narrow-leaf cat-tail and pinkweed. According to the EPA and USACE's final rule issued in 2023, this wetland is not likely subject to regulation by the USACE as it is not an (a)(1) water and does not have a continuous surface connection to an (a)(2) or (a)(3) water.

_



¹ Federal Register :: Revised Definition of "Waters of the United States"



W4 – This feature is an NWI-mapped wetland classified as a PABFh wetland but was observed as a PSS1h wetland. The headwaters of an ephemeral stream (S2) flows into the west side of W4 and exits on the east end. Approximately 0.20 acre of W4 occurs within the study area. This feature displayed hydric soil, drainage patterns, crayfish burrows, saturation visible on aerial imagery, geomorphic position, and the FAC-neutral test. Wetland 4 likely receives water from ephemeral tributaries (e.g., S2) during periods of heavy rainfall and precipitation. Vegetation observed includes black willow, eastern cottonwood (*Populus deltoides*), and narrow-leaf cat-tail. According to the EPA and USACE's final rule issued in 2023, this wetland is not likely subject to regulation by the USACE as it is not an (a)(1) water and does not have a continuous surface connection to an (a)(2) or (a)(3) water.

W5 – This feature is an NWI-mapped wetland classified as a PABFh wetland but was observed as a PEM1F wetland. This wetland is located approximately 515 feet east of W1. Approximately 0.03 acre of W5 occurs within the study area. This feature displayed hydric soil, inundation visible on aerial imagery, surface soil cracks, geomorphic position, and the FAC-neutral test. W5 likely receives water from precipitation and runoff from the surrounding open pasture. Vegetation observed includes pink knotweed (*Persicaria bicornis*). According to the EPA and USACE's final rule issued in 2023, this wetland is not likely subject to regulation by the USACE as it is not an (a)(1) water and does not have a continuous surface connection to an (a)(2) or (a)(3) water.

W6 - This feature is an NWI-mapped wetland classified as a PEM1F wetland but was observed as a PFO1h wetland. This wetland is located north of E 45th St. N. Approximately 0.73 acre of W6 occurs within the study area. This feature displayed hydric soil, water-stained leaves, geomorphic position, and the FAC-neutral test. W6 likely receives water from ephemeral tributaries (e.g., S1) during periods of heavy rainfall and precipitation., runoff from E 45th St. N. and surrounding open agricultural fields. Vegetation observed includes black willow, narrow-leaf cat-tail, and annual marsh-elder. According to the EPA and USACE's final rule issued in 2023, this wetland is not likely subject to regulation by the USACE as it is not an (a)(1) water and does not have a continuous surface connection to an (a)(2) or (a)(3) water.





W7 – This feature is not an NWI-mapped wetland but was observed as a PEM1F wetland. This wetland is located approximately 115 feet north of W6. Approximately 0.49 acre of W7 occurs within the study area. This feature displayed hydric soil, water-stained leaves, surface soil cracks, saturation visible on aerial imagery, geomorphic position, and the FAC-neutral test. W7 likely receives water from ephemeral tributaries (e.g., S1) during periods of heavy rainfall and precipitation, and runoff from surrounding open agricultural fields. Vegetation observed includes narrow-leaf cat-tail. According to the EPA and USACE's final rule issued in 2023, this wetland is not likely subject to regulation by the USACE as it is not an (a)(1) water and does not have a continuous surface connection to an (a)(2) or (a)(3) water.

3.2 Streams

S1 - This unnamed tributary to Dry Creek is a USGS-mapped intermittent stream but was observed as ephemeral during the field investigation. This stream traverses the central portion of the combined study area connecting multiple wetlands. An estimated total of 1,033 linear feet (0.04 acre) of S1 is within the study area where it flows north to south. The minimum ordinary high water mark (OHWM) was observed to be 1.5 feet wide, the maximum OHWM was observed to be 14 feet wide, and the average OHWM was calculated to be 5 feet wide. The stream was dry at the time of the field investigation except for a few small pools with water 6 to 8 inches deep. The riparian zone of S1 consists of wooded, scrub-shrub, and herbaceous habitat, with the riparian habitat being an average of 15 feet wide on both banks. The streambank erosion potential is moderate due to partially eroded banks with sparse vegetation, and the stream substrate consists of silty clay. Bank cover types observed include drift material. S1 likely receives water from ephemeral streams (i.e., S2), runoff from E 45th St. N, and precipitation. Dominant riparian species observed include black willow, Osage orange (Maclura pomifera), eastern cottonwood, green ash (Fraxinus pennsylvanica), pinkweed, common sunflower (Helianthus annuus), curly dock (Rumex crispus), frog fruit (Phyla nodiflora), Indian-strawberry (Potentilla indica), large barnyard grass (Echinochloa crus-galli), eastern cottonwood, giant ragweed, annual marsh-elder, hedge parsley (Torilis arvensis), common wormwood (Artemisia vulgaris), snow-on-the-mountain (Euphorbia marginata), and narrow-leaf cat-tail. According to the EPA and USACE's final rule





issued in 2023, this stream is not likely subject to regulation by the USACE as it does not meet the definition of a relatively permanent, standing or continuously flowing body of water.

S2 - This ephemeral drainage to S1 is not a USGS-mapped stream but was observed as ephemeral during the field investigation. An estimated total of 328 linear feet (0.02 acre) of S1 is within the study area where it flows west to east. The minimum OHWM was observed to be 2 feet wide, the maximum OHWM was observed to be 3.5 feet wide, and the average OHWM was calculated to be 2 feet wide. This drainage was dry at the time of the field investigation. The riparian zone of S2 consists of primarily wooded habitat 10 feet wide on both banks, with some scrub-shrub and herbaceous habitat dispersed throughout. The streambank erosion potential is low due to low, well vegetated banks. The stream substrate is a sandy clay. The OHWM of S2 begins near the northwest corner of the south portion of the study area, enters and exits W4, and the OHWM drops before reaching W3. Bank cover type observed includes drift material. S2 likely receives water from runoff from the surrounding open pastures and precipitation. Dominant riparian species observed include Osage orange, eastern cottonwood, eastern red cedar (Juniperus virginiana), black willow, narrow-leaf cat-tail, eastern poison ivy (Toxicodendron radicans), musk thistle (Carduus nutans), annual marsh-elder, snow-on-the-mountain, Canadian horseweed (Erigeron canadensis), and Chinese privet (Ligustrum sinense). According to the EPA and USACE's final rule issued in 2023, this stream is not likely subject to regulation by the USACE as it does not meet the definition of a relatively permanent, standing or continuously flowing body of water.

3.3 Summary

In summary, two streams and seven wetlands were identified within the study area. These features have all been identified as non-jurisdictional. This report is to be presented to the USACE for concurrence and determination of appropriate 404 permitting.



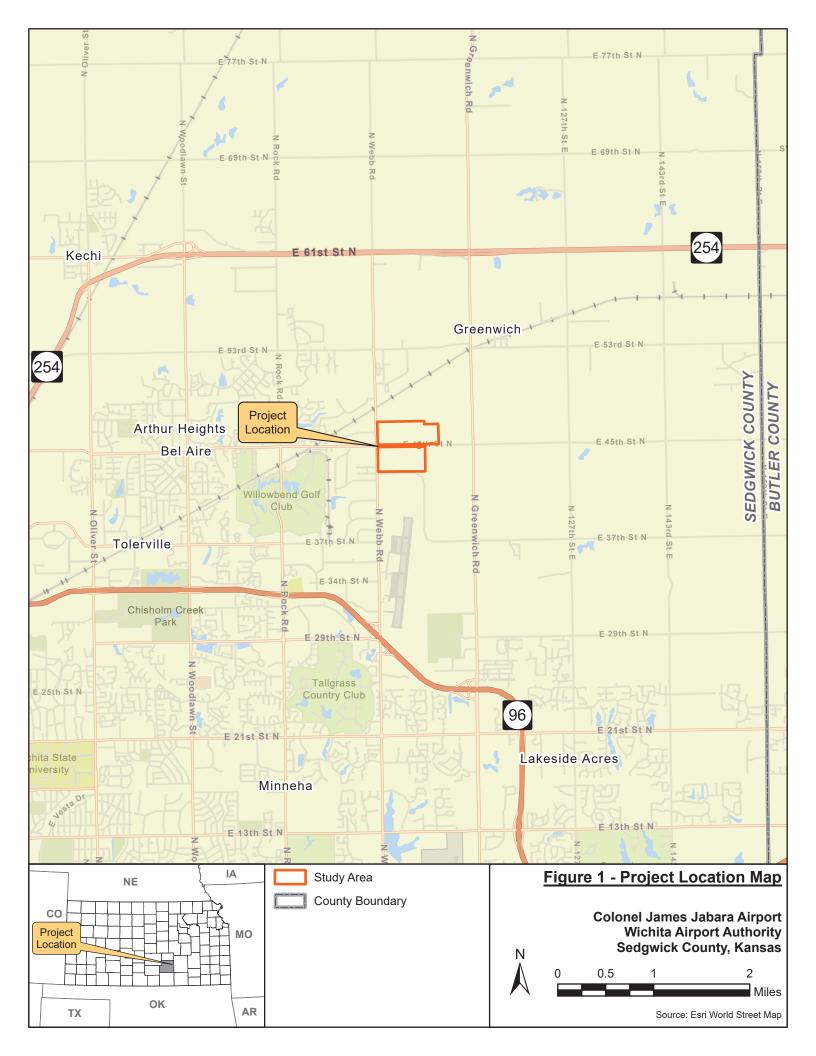


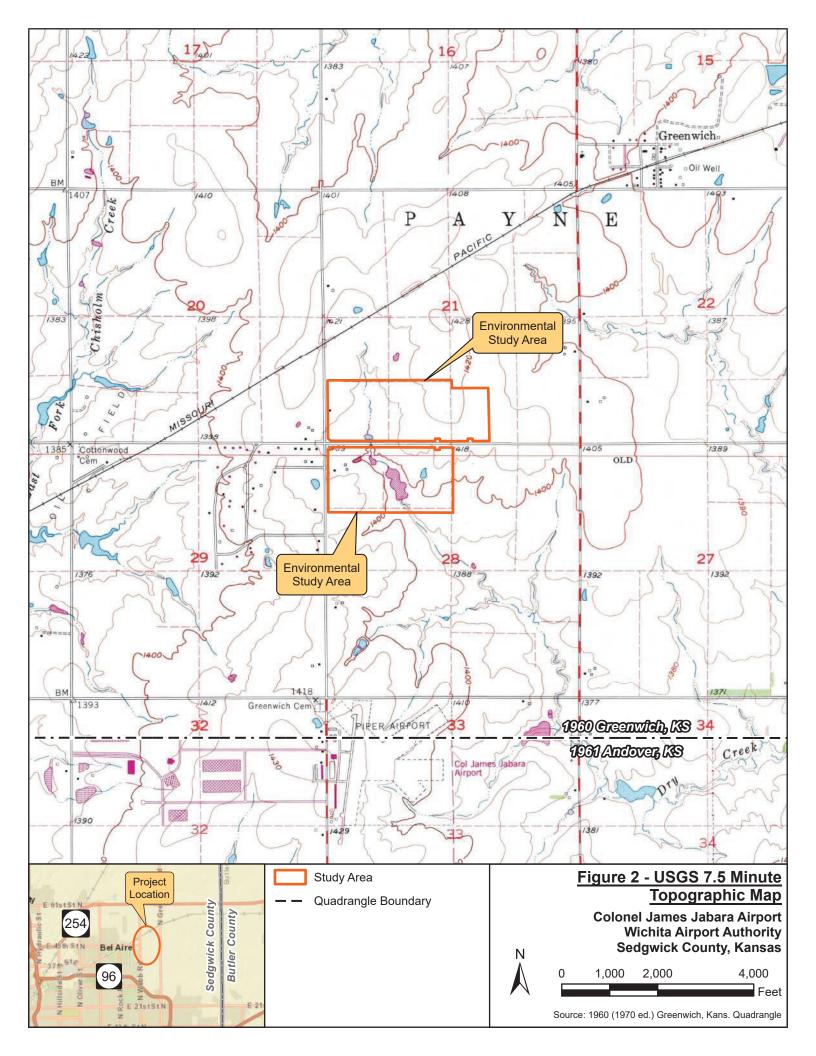
4.0 References

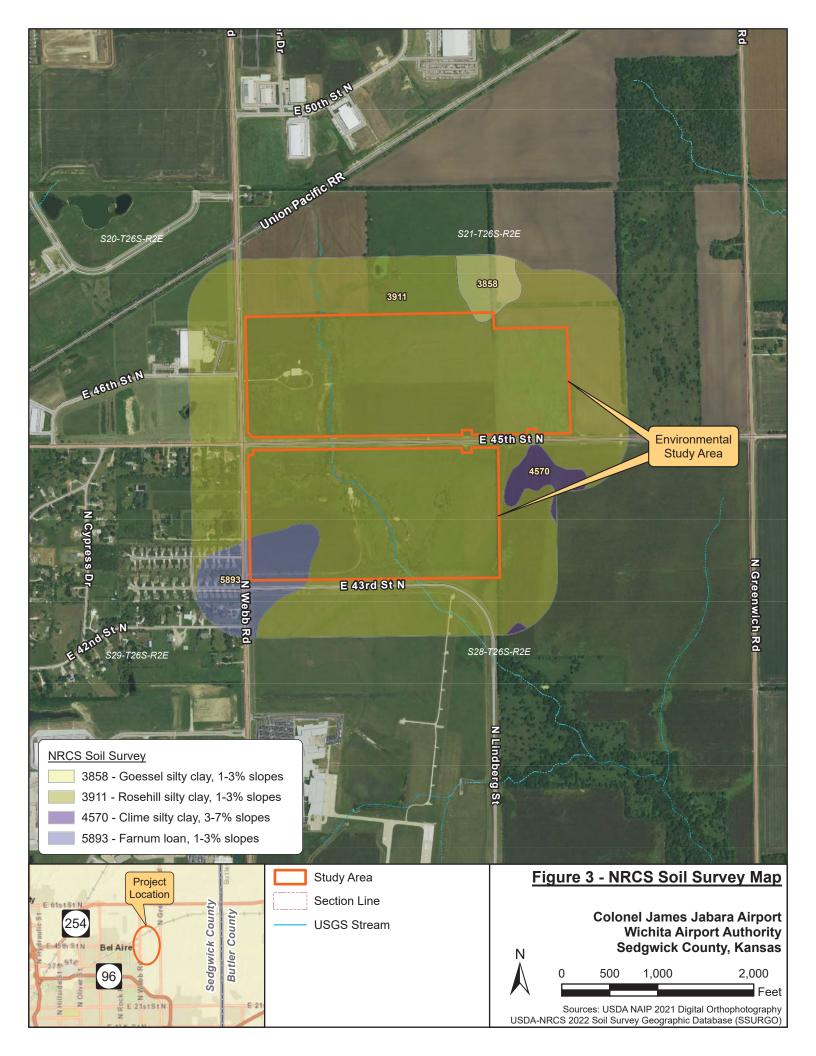
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Department of the Interior, Fish and Wildlife Service, Washington, D.C. Jamestown, ND: Northern Prairie Wildlife Research Center Online.
- Environmental Protection Agency (EPA). 2023. Supreme Court of the United States. Sackett ET Environmental Protection Agency ET AL. Available https://www.supremecourt.gov/opinions/22pdf/21-454_4g15.pdf. Accessed September 2023.
- GeoKansas. 2023. Wellington-McPherson Lowlands. Available online at https://geokansas.ku.edu/wellington-mcpherson-lowlands. Accessed September 2023.
- Google Earth Pro. 2023. Wichita, KS. Lat 37.767608, Long -97.222126, Eye alt 6,136 feet. Available online at https://www.google.com/earth/desktop/. Accessed August 2023.
- Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at http://websoilsurvey.nrcs.usda.gov/. Accessed August 2023.
- U.S. Army Corps of Engineers (USACE). 1987. U.S. Army Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1. Vicksburg, Mississippi.
- USACE. 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Great Plains Region (Version 2.0). ERDC/EL TR 10-1. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- USACE. 2020. Regional Wetland Plant List, version 3.5, U.S. Army Corps of Engineers. Engineer Research and Development Center. Cold Regions Research and Engineering Laboratory, Hanover, NH. Available online at http://wetland-plants.usace.army.mil/.
- United States Fish and Wildlife Service (USFWS). 2023. National Wetlands Inventory: Wetlands Mapper. Available online at https://www.fws.gov/wetlands/Data/Mapper.html. Accessed August 2023.
- United States Geological Survey (USGS). 1960. 7.5 minute, 1:24,000 scale Greenwich, Ks. Topographic Quadrangle Map.
- Weather Underground. 2023. Sawmill Creek (KKSGREEN2). Available online at Personal Weather Station Dashboard | Weather Underground (wunderground.com). Accessed August 2023.

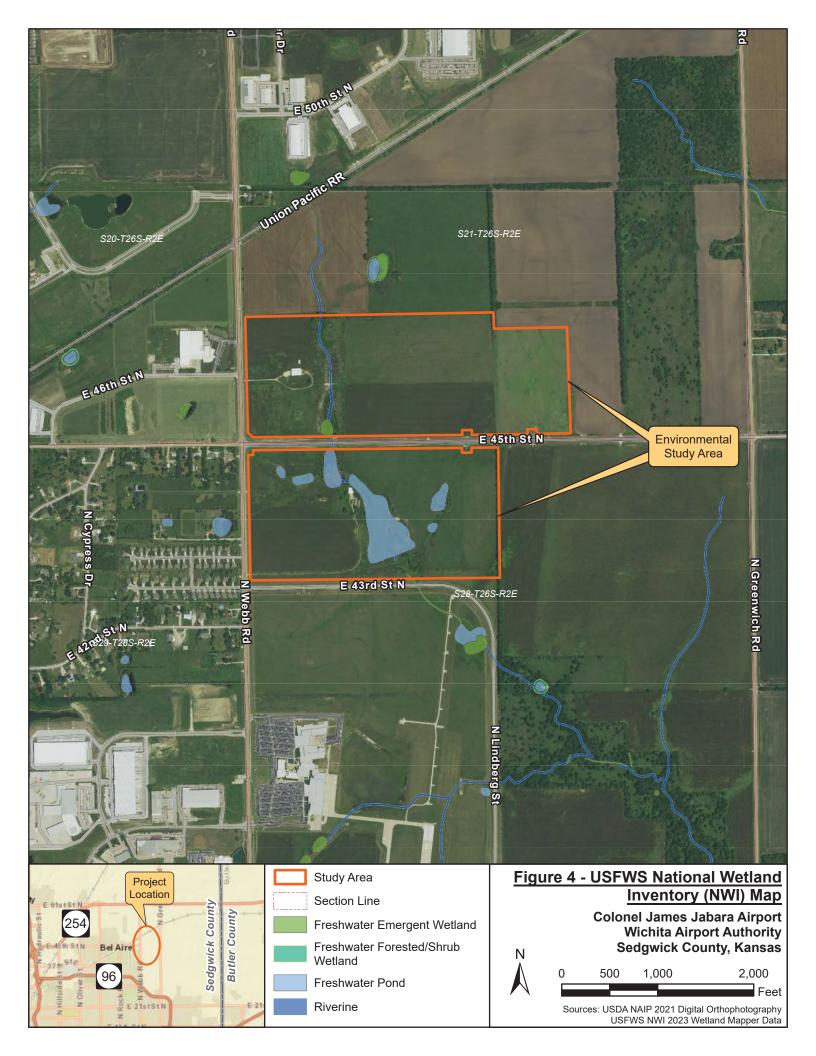


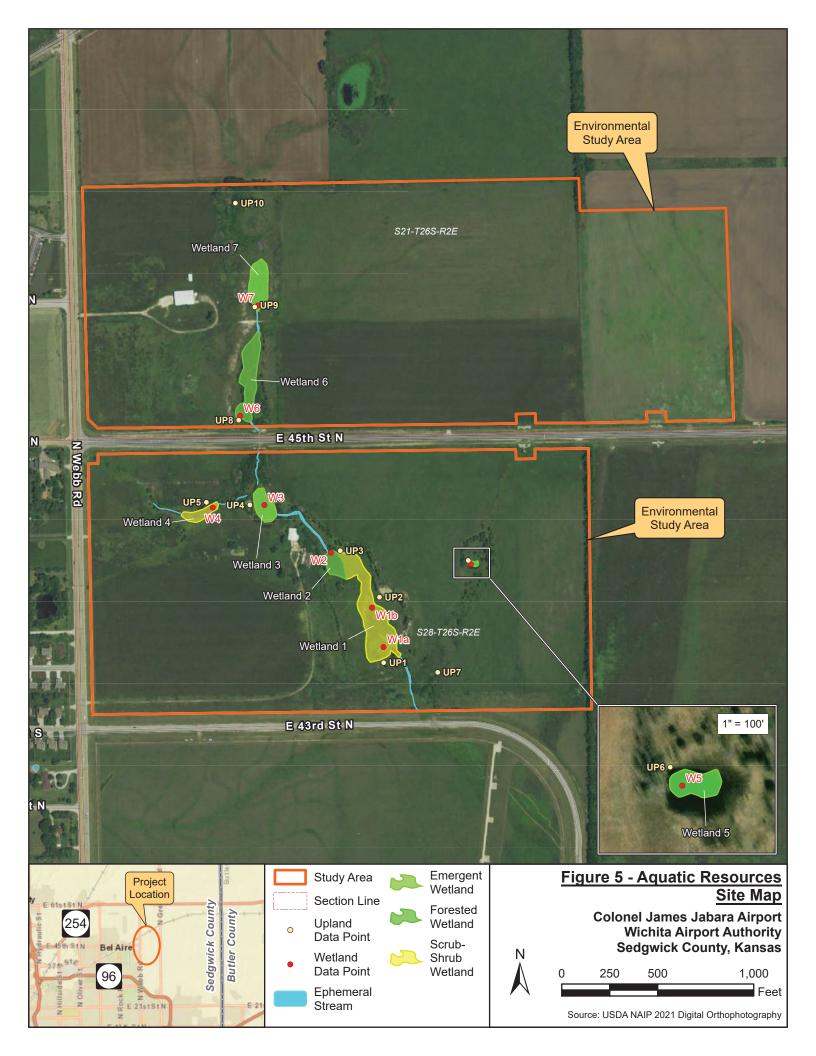
Appendix A – Study Area Figures













Appendix B – Site Photographs



▲ View of S1 in the south section of the study area. View is upstream to the north.



▲ View of S1 in the south section of the study area. View is downstream to the south.



▲ View of W1, a palustrine scrub-shrub wetland dominated by narrow-leaf cat-tail. View is to the east.



▲ View of hydric soil collected at W1a.



 \triangle View of W1, a palustrine scrub-shrub wetland. View is to the west.



▲ View of hydric soil collected at W1b.

Sedgwick County, KS Colonel James Jabara Airport

On-site photographs taken August 29 & 30, 2023 Garver Project No. 23A17000



▲ View of W2, a palustrine forested wetland. View is to the north.



▲ View of hydric soil collected at W2.



▲ View of S1 further upstream and riparian habitat along banks. View is upstream to the north.



▲ View of S1 further upstream where the stream enters W2. View is downstream to the south.



▲ View of W3, a palustrine emergent wetland dominated by narrow-leaf cat-tail. View is to the east.



▲ View of hydric soil collected at W3.

Sedgwick County, KS Colonel James Jabara Airport



 \blacktriangle View of S2 where it enters W4. View is upstream to the west.



 \triangle View of S2 and riparian habitat along banks. View is downstream to the east.



▲ View of W4, a palustrine scrub-shrub wetland. View is to the north.



▲ View of hydric soil collected at W4.



▲ View of W5, a palustrine emergent wetland dominated by pink knotweed. View is to the east.



▲ View of hydric soil collected at W5.

Sedgwick County, KS Colonel James Jabara Airport

On-site photographs taken August 29 & 30, 2023 Garver Project No. 23A17000



▲ View of upland habitat observed at UP7. View is to the west.



▲ View of W6, a palustrine forested wetland. View is to the east.



▲ View of hydric soil collected at W6.



▲ View of W7, a palustrine emergent wetland dominated by narrow-leaf cat-tail. View is to the north.



▲ View of hydric soil collected at W7.



▲ View of wooded habitat at UP10. View is to the north.



Appendix C – Data Forms

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport		City/County: Sedgwick Sampling						
Applicant/Owner: Wichita Airport Authority				State	: KS	Sampling Poi	nt: V	W1a
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ra	nge: Sec.	28, T26S, R	2E		
Landform (hillside, terrace, etc.): depression		Local relief (co	oncave, conv	/ex, none):	concave		Slope (%):	:1_
Subregion (LRR): LRR H, MLRA 74 Lat: 37.7638	329		Long:9	97.220957		Datu	m: NAD	83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 pe	rcent slopes	3			NWI classif	ication: PABFh		
Are climatic / hydrologic conditions on the site typical fo	r this time o	of year?	Yes	No X	- (If no, ex	olain in Remarks	······································	
Are Vegetation, Soil, or Hydrologys	ignificantly (disturbed? A	Are "Normal C	Circumstanc	- es" present?	Yes X	No	
Are Vegetation, Soil, or Hydrologyn			If needed, ex	plain any ar	swers in Rei	marks.)		_
SUMMARY OF FINDINGS – Attach site ma			g point lo	cations, 1	ransects,	important fo	eatures,	, etc.
Hydrophytic Vegetation Present? Yes X No		Is the	Sampled A	rea				
		l l	n a Wetland		Yes_X	No		
					-			
Remarks:		-						
This point was determined to be within a wetland due t than normal conditions during the site visit.	to the prese	nce of all 3 we	tland criteria.	. According	to the APT re	esults, the area v	was under	drier
	. ,							
VEGETATION – Use scientific names of p	Absolute	Dominant	Indicator					
<u>Tree Stratum</u> (Plot size: 30')	% Cover	Species?	Status	Dominar	nce Test wo	rksheet:		
1. Salix nigra	30	Yes	FACW	Number	of Dominant	Species That		
2.				Are OBL	FACW, or F	AC:	3	_(A)
3				1		inant Species		
4				Across A		_	3	_(B)
Sapling/Shrub Stratum (Plot size: 15')	30	=Total Cover		1		Species That	100.0%	(A/B)
Sapling/Shrub Stratum (Plot size: 15') 1. None observed				Ale Obl	, FACW, or F	AC	100.0%	_ (A/D)
2.				Prevaler	ice Index wo	orksheet:		
3.				Total % (Multiply	/ by:	
4.				OBL spe	cies 8	0 x 1 =	80	
5.				FACW s	pecies 5	0 x 2 =	100	_
		=Total Cover		FAC spe		x 3 = _	0	_
Herb Stratum (Plot size: 5')	00	V	ODI	FACU sp		x 4 = _	0	_
Typha angustifolia Arundinaria gigantea	80 20	Yes Yes	FACW	UPL spe		$\frac{0}{30} = \frac{x}{(A)} = -$	180	(B)
3.		165	TACW	1	ce Index = E		1.38	- ^(D)
4.				1 TOVAION	oc mack E		1.00	_
5.				Hydroph	ytic Vegetat	ion Indicators:		
6.				1-R	apid Test for	Hydrophytic Ve	getation	
7.				X 2 - D	ominance Te	est is >50%		
8					revalence Inc			
9						Adaptations ¹ (P		
10						s or on a separa	,	
Woody Vine Stratum (Plot size: 30')	100	=Total Cover		ı —	•	ophytic Vegetati	٠	,
1. None observed						oil and wetland l sturbed or proble		must
2.				Hydroph		itarbea or proble	matio.	
		=Total Cover		Vegetati	-			
% Bare Ground in Herb Stratum0				Present		X No		
Remarks:								
A positive indication of hydrophytic vegetation was obs	served (>50°	% of dominant	species inde	exed as OBL	., FACW, or	FAC).		

SOIL Sampling Point: W1a

Depth	cription: (Describe to Matrix			x Featur						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-2	10YR 3/1	100					Loamy/Clayey	<u> </u>		
2-8	2.5YR 6/4	90	10YR 4/6	_10	C	M_	Loamy/Clayey	Promine	ent redox conce	entrations
8-16	10YR 3/1	60	10YR 4/6	10	C	M	Loamy/Clayey	Promine	ent redox conce	entrations
					<u> </u>	<u> </u>				
1Type: C=C	 oncentration, D=Depl	etion RM-	-Reduced Matrix C		ared or C		and Grains 2	Location: PL=Po	ore Lining M-I	Matrix
	Indicators: (Applica					oaleu Sa		ndicators for Pr		
Histosol					Sleyed M	atrix (S4			49) (LRR I, J)	
	oipedon (A2)			•	Redox (S	•	´ –		Redox (A16) (LRR F, G, H
Black His				Stripped	l Matrix (S6)	_		(S7) (LRR G)	
Hydroge	n Sulfide (A4)			Loamy N	Mucky Mi	ineral (F	1) _	High Plains D	Depressions (F	16)
Stratified	l Layers (A5) (LRR F)	!	Loamy (Gleyed M	latrix (F2	2)	(LRR H o	utside of MLR	A 72 & 73)
	ick (A9) (LRR F, G, F				d Matrix		_	Reduced Ver		
	Below Dark Surface	(A11)			ark Surf		_	Red Parent N	, ,	
	ark Surface (A12)			•	d Dark S	`	⁻⁷⁾ –	_ ′	Dark Surface	(F22)
	lucky Mineral (S1) /lucky Peat or Peat (S	20) (I DD (Depression ins Depr	, ,	(E16) 3	Other (Explai Indicators of hyd	n in Remarks)	ation and
	icky Peat or Peat (S3	, .	<u> </u>	-	RA 72 &		,	wetland hydro	ology must be bed or problem	present,
Restrictive I	Layer (if observed):									
Type: _										
Depth (ir	nches):		<u> </u>				Hydric Soil Pre	sent?	Yes X	No
Remarks: 8-16, 2.5YR	6/4 (Matrix) 30%. Soi	il sample v	vas taken in area sı	ubject to	ponding	g. A posit	tive indication of h	ydric soil was ob	served.	
HYDROLO	GY									
-	drology Indicators:									
-	cators (minimum of o	ne is requi					· · · · · · · · · · · · · · · · · · ·	ondary Indicators	•	wo required)
	Water (A1)		Salt Crust	` '	ton (D12)	`		Surface Soil Crac	, ,	urfoco (PO)
Saturatio	iter Table (A2)		Aquatic In\ Hydrogen \$					Sparsely Vegetat Drainage Pattern		uriace (bo)
	arks (B1)		Dry-Seaso					Oxidized Rhizosp		a Roots (C3)
	nt Deposits (B2)		Oxidized R					(where tilled)		5 ()
Drift Dep	posits (B3)		(where r	ot tille	d)		_X_0	Crayfish Burrows	(C8)	
X Algal Ma	it or Crust (B4)		Presence of	of Redu	ced Iron	(C4)	<u>X</u> 9	Saturation Visible	on Aerial Ima	gery (C9)
	osits (B5)		Thin Muck					Geomorphic Posi		
	on Visible on Aerial Ir	magery (B	7)Other (Exp	lain in F	Remarks))		FAC-Neutral Test		
_	tained Leaves (B9)						<u></u> '	Frost-Heave Hum	nmocks (D7) (L	-RR F)
Field Observ				.						
Surface Wate Water Table		s			nches): _ nches):					
Saturation P					nches):		Wetland Hydr	ology Present?	Yes X	No
(includes cap			<u></u>	- (.	_					
	corded Data (stream	gauge, mo	onitoring well, aerial	photos	, previou	s inspec	tions), if available:			
	<u> </u>		<u> </u>				· 			
Remarks:										
A positive inc	dication of wetland hy	drology w	as observed (at lea	st one p	rimary in	ndicator).				

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

, 1 1							
Project/Site: Colonel James Jabara Airport		City/Cour	nty: Sedgwi	ck	Sampling Da	ate: <u>8/29/</u>	/2023
Applicant/Owner: Wichita Airport Authority				State: KS	Sampling Po	int: V	V1b
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ra	nge: Sec. 28, T26S, R2	<u> </u>		
Landform (hillside, terrace, etc.): depression	Lo	ocal relief (co	oncave, conv	rex, none): concave		Slope (%):	:1_
Subregion (LRR): LRR H, MLRA 74 Lat: 37.7	764393		Long: <u>-</u> 9	97.221155	Datu	ım: NAD	83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3	percent slopes			NWI classific	cation: PABFI	1	
Are climatic / hydrologic conditions on the site typical	al for this time of	year?	Yes	No X (If no, expl	ain in Remark	s.)	
Are Vegetation, Soil, or Hydrology	_significantly dis	sturbed? A	re "Normal C	Circumstances" present?	Yes X	No	_
Are Vegetation, Soil, or Hydrology	_naturally proble	ematic? (l	f needed, ex	plain any answers in Rem	arks.)		
SUMMARY OF FINDINGS – Attach site i	map showing	sampling و	g point lo	cations, transects, i	mportant f	eatures,	etc.
Hydrophytic Vegetation Present? Yes X	No	Is the	Sampled A	rea			
	No	I .	n a Wetland		No		
Wetland Hydrology Present? Yes X	No						
Remarks:							
This point was determined to be within a wetland duthan normal conditions during the site visit.	ue to the presenc	e of all 3 wet	tland criteria.	According to the APT res	ults, the area	was under	drier
VEGETATION – Use scientific names of	f nlante						
VEGETATION – 03e scientific flames of	Absolute	Dominant	Indicator	Γ			
<u>Tree Stratum</u> (Plot size:)	% Cover	Species?	Status	Dominance Test work	sheet:		
1. Salix nigra 2.		Yes	FACW	Number of Dominant S		0	(\\\
3.				Are OBL, FACW, or FA Total Number of Domir	-		– ^(A)
4.				Across All Strata:	ant Species	2	(B)
	30 =	Total Cover		Percent of Dominant S	pecies That		_
Sapling/Shrub Stratum (Plot size: 15'	_)			Are OBL, FACW, or FA	.С:	100.0%	_ (A/B)
1. None observed 2.				Prevalence Index wor	·kshoot·		
3.				Total % Cover of:	Multipl	y by:	
4.				OBL species 80		80	_
5				FACW species45		90	_
Herb Stratum (Plot size: 5')	=	Total Cover		FAC species 0 FACU species 0		0	_
Herb Stratum (Plot size: 5') 1. Typha angustifolia	80	Yes	OBL	FACU species 0 UPL species 0	x 4 = _ x 5 = _	0	-
Persicaria pensylvanica	15	No	FACW	Column Totals: 125		170	_ (B)
3.				Prevalence Index = B/	A =	1.36	_
4				Hudus ubudis Vanatati			
5. 6.				Hydrophytic Vegetation 1 - Rapid Test for I			
7.				X 2 - Dominance Tes		,gotation	
8.				X 3 - Prevalence Inde			
9				4 - Morphological A			
10				data in Remarks			
Woody Vine Stratum (Plot size: 30'	95 =	Total Cover		Problematic Hydro	_		
1. None observed				¹ Indicators of hydric so be present, unless dist			must
2.	:			Hydrophytic			
	=	Total Cover		Vegetation			
% Bare Ground in Herb Stratum 5				Present? Yes_	X No_		
Remarks: A positive indication of hydrophytic vegetation was	observed (>50%	of dominant	species inde	exed as OBL_FACW_or F	AC)		
	1300.700 (* 0070	asimidili	-p = 5100 mac		/.		

SOIL Sampling Point: W1b

Depth	cription: (Describe to Matrix	to the depti		u ment tr x Featur		itor or c	onfirm the	absence of	indicators	.)	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure		Remarks	
0-18	10YR 3/1	50	10YR 3/6	10	С	M	Loamy/0	Clayey			
			_								
4											
	oncentration, D=Depl					oated Sa	and Grains.			re Lining, M=	
_	Indicators: (Applica	ble to all Li			•					oblematic Hy	/dric Soils*:
— Histosol				Sandy G	-)			9) (LRR I, J)	" DD E O !!
	pipedon (A2)			Sandy R						. ,	(LRR F, G, H
	stic (A3) n Sulfide (A4)			Stripped Loamy N			1\			(S7) (LRR G) epressions (F	
	d Layers (A5) (LRR F	١		Loamy C	•	`	,			epressions (F Itside of MLF	,
	ick (A9) (LRR F, G, F			Depleted	•	•	,		duced Vert		(A 12 a 10)
	d Below Dark Surface			Redox D		,				aterial (F21)	
	ark Surface (A12)	(****)		Depleted		, ,	7)			Dark Surface	(F22)
—— Sandy M	lucky Mineral (S1)		X	Redox D	epressio	ns (F8)	,		-	n in Remarks	
2.5 cm N	Mucky Peat or Peat (S2) (LRR G	, H)	High Pla	ins Depr	essions	(F16)	3Indicat	ors of hydr	ophytic vege	tation and
5 cm Mu	icky Peat or Peat (S3) (LRR F)		(MLR	RA 72 & 1	73 of LR	R H)	we	tland hydro	logy must be	present,
								unl	ess disturb	ed or probler	natic.
	Layer (if observed):										
Type:										V V	
Depth (ir	nches):						Hydric So	il Present?		Yes X	. No
Remarks:	4/0 /44 / : > 400/ 0							61 11			
0-18, 10YR 4	4/2 (Matrix), 40%. So	il sample wa	as taken in area s	ubject to	ponding	. A posit	ive indicatio	n of hydric s	oil was obs	erved.	
HYDROLO)GY										
Wetland Hy	drology Indicators:										
	cators (minimum of o	ne is require	ed; check all that	apply)				Secondary	Indicators	(minimum of	two required)
Surface	Water (A1)		Salt Crust	(B11)				Surface	Soil Cracl	ks (B6)	
High Wa	iter Table (A2)		Aquatic In	vertebrat	tes (B13))		Sparse	ly Vegetate	ed Concave S	Surface (B8)
Saturation	on (A3)		Hydrogen	Sulfide C	Odor (C1)		X Drainag	ge Patterns	(B10)	
	larks (B1)		Dry-Seaso	n Water	Table (C	2)		Oxidize	d Rhizospl	neres on Livir	ng Roots (C3)
	nt Deposits (B2)		Oxidized F			Living Ro	oots (C3)		re tilled)		
	posits (B3)		(where i						h Burrows	. ,	
`	at or Crust (B4)		Presence			(C4)				on Aerial Ima	agery (C9)
	osits (B5)		Thin Muck					X Geomo	•	, ,	
	on Visible on Aerial In	nagery (B7)	Other (Exp	olain in K	(emarks			X FAC-No		(D5) mocks (D7) (I DD E\
	tained Leaves (B9)						T		leave Hulli	IIIOCKS (D7) (LKK F)
Field Obser			N. V	D 41- /:-							
Surface Wat Water Table				Depth (ii	_						
Saturation P		s		Depth (in Depth (in	_		Wetland	d Hydrology	Present?	Yes X	No
(includes car		<u> </u>	<u> </u>	Deput (ii	_		VVCtiano	riyarology	i resent:	163 <u>X</u>	. ""——
	corded Data (stream	gauge, mor	nitoring well, aeria	l photos.	, previou	s inspect	tions), if ava	ilable:			
						_ ' "					
Remarks:											
A positive in	dication of wetland hy	drology wa	s observed (at lea	st one p	rimary in	dicator).					

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport		City/County: Sedgwick Sampling Date: 8/29/								
Applicant/Owner: Wichita Airport Authority		State: KS Sampling Point: UP1								
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ra	nge: Sec. 28, T26S, R	12E					
Landform (hillside, terrace, etc.): flat		Local relief (co	oncave, conv	rex, none): none	s	Slope (%):	0			
Subregion (LRR): LRR H, MLRA 74 Lat: 37.763	604		Long:	97.220958	Datun	n: NAD	83			
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 pe	ercent slopes	1		NWI classi	ification: PABFh					
Are climatic / hydrologic conditions on the site typical for	or this time o	f year?	Yes	No X (If no, ex	plain in Remarks	.)				
Are Vegetation, Soil, or Hydrologys	significantly o	disturbed? A	Are "Normal (Circumstances" present?	Yes X	No	_			
Are Vegetation, Soil, or Hydrology	naturally prob	olematic? (If needed, ex	plain any answers in Re	marks.)					
SUMMARY OF FINDINGS – Attach site ma	ap showir	ng samplin	g point lo	cations, transects	, important fe	atures,	etc.			
Hydrophytic Vegetation Present? Yes No	о X	Is the	Sampled A	rea						
Hydric Soil Present? Yes No	X	withi	n a Wetland	? Yes	No X					
Wetland Hydrology Present? Yes No	<u> X</u>									
Remarks: This point was determined not to be within a wetland of the point was determined to be within a wetland of the point with a site within the site with the site wi	due to the la	ck of all three	wetland crite	ria. According to the AP	T results, the area	a was und	ler			
drier than normal conditions during the site visit. VEGETATION – Use scientific names of p	lante									
	Absolute	Dominant	Indicator	I						
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test wo	rksheet:					
1. None observed				Number of Dominant	•		(4)			
2. 3.				Are OBL, FACW, or I	_	1	_ ^(A)			
4.				Total Number of Dom Across All Strata:	ilnant Species	6	(B)			
		=Total Cover		Percent of Dominant	Species That		- ` ′			
Sapling/Shrub Stratum (Plot size: 15'				Are OBL, FACW, or I	•	16.7%	_(A/B)			
1. Ulmus pumila	15	Yes	UPL							
2. Juniperus virginiana	15	Yes	UPL	Prevalence Index w						
3. Populus deltoides	15	Yes	FAC_	Total % Cover of:	Multiply	•				
4				· · · —	0 x1=_	0	-			
5	45	=Total Cover		· —	0 x 2 = 15 x 3 =	0 45	-			
Herb Stratum (Plot size: 5')		- Total Covel			40 x 4 =	160	-			
1. Lolium perenne	20	Yes	FACU	· —	30 x 5 =	150	-			
2. Desmanthus illinoensis	10	Yes	FACU		B5 (A)	355	- (B)			
3. Euphorbia marginata	10	Yes	FACU	Prevalence Index = I	B/A = 4	l.18				
4										
5				Hydrophytic Vegeta						
6.				l — ·	r Hydrophytic Veg	jetation				
7				2 - Dominance T						
8 9.			-	l — '	ldex is ≤3.0 I Adaptations¹ (Pr	rovido sun	norting			
10					ks or on a separa		porting			
	40	=Total Cover		Problematic Hyd	rophytic Vegetatio	on ¹ (Expla	ıin)			
Woody Vine Stratum (Plot size: 30'				¹ Indicators of hydric s						
1. None observed				be present, unless di	sturbed or probler	matic.				
2				Hydrophytic						
% Bare Ground in Herb Stratum60		=Total Cover		Vegetation Present? Yes	No	X				
Remarks:										
No positive indication of hydrophytic vegetation was o	bserved (≥50)% of dominar	nt species inc	lexed as FAC- or drier).						

SOIL Sampling Point: UP1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redo	ox Featur	es							
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e		Remarks		
0-6	10YR 3/2	100					Loamy/Cla	ayey _				
6-14	10YR 3/2	95	5YR 3/2	5	С	М	Loamy/Cla	ayey	Faint re	edox concen	itrations	
¹ Type: C=C	oncentration, D=Deple	etion, RM=	Reduced Matrix,	CS=Cove	ered or Co	oated Sa	and Grains.	² Locatio	on: PL=Por	e Lining, M=	Matrix.	
Hydric Soil	Indicators: (Applicat	ole to all L	RRs, unless oth	erwise n	oted.)			Indicat	ors for Pro	blematic Hy	ydric Soils³:	
Histosol	(A1)			Sandy 6	Sleyed Ma	atrix (S4)	1 c	m Muck (AS	9) (LRR I, J)		
Histic E	pipedon (A2)			Sandy F	Redox (S5	5)		Co	ast Prairie F	Redox (A16)	(LRR F, G, H)	
Black Hi	istic (A3)			Stripped	Matrix (S	36)		Da	rk Surface (S7) (LRR G)	
Hydroge	en Sulfide (A4)			Loamy N	Mucky Mi	neral (F	1)	Hig	h Plains De	pressions (F	=16)	
Stratified	d Layers (A5) (LRR F)			Loamy (Gleyed M	atrix (F2	2)		(LRR H out	tside of MLI	RA 72 & 73)	
1 cm Mu	uck (A9) (LRR F, G, H)		Deplete	d Matrix (F3)			duced Vertic	, ,		
Depleted	d Below Dark Surface	(A11)		Redox D	Oark Surfa	ace (F6))		d Parent Ma	, ,		
Thick Da	ark Surface (A12)			Deplete	d Dark Sเ	urface (F						
	/lucky Mineral (S1)				Depressio	, ,				in Remarks		
	Mucky Peat or Peat (S		S, H)				ns (F16) ³ Indicators of hydrophytic vegetation a					
5 cm Mu	ucky Peat or Peat (S3)	(LRR F)		(MLF	RA 72 & 7	3 of LR	RR H)		-	ogy must be		
Postriotivo	Layer (if observed):							uni	ess disturbe	ed or probler	nauc.	
Type:												
Depth (i	clay pan	14					Hydric Soil	Present?		Yes	No X	
		-					- Trydrio Con	1 10001111				
Remarks:	ndication of hydric soi	le was obe	sorved									
No positive i	ndication of flydric soi	is was out	serveu.									
HYDROLO)GY											
	drology Indicators:											
_	cators (minimum of or	ne is requi	red: check all that	annly)			S	Secondary	Indicators (minimum of	two required)	
-	Water (A1)	ic io regai	Salt Crust						Soil Crack		two required <u>y</u>	
	ater Table (A2)		Aquatic In	` '	tes (B13)		_			, ,	Surface (B8)	
Saturation			Hydrogen				_		ge Patterns		- a a. c. (20)	
	larks (B1)		Dry-Seaso				_		_		ng Roots (C3)	
	nt Deposits (B2)		Oxidized I			,	oots (C3)		re tilled)		3 (==)	
	posits (B3)			not tilled		3	(==)	•	h Burrows (C8)		
	at or Crust (B4)		Presence		,	C4)	_		,	on Aerial Ima	agery (C9)	
	posits (B5)		Thin Muck			,	_		rphic Position			
	on Visible on Aerial In	nagery (B7			, ,		_		eutral Test (
	stained Leaves (B9)	0 , (, <u> </u>		,		_			nocks (D7) (LRR F)	
Field Obser	vations:										-	
Surface Wat	ter Present? Yes	3	No X	Depth (i	nches):							
Water Table			No X		nches):							
Saturation P	resent? Yes	<u> </u>	No X		nches):		Wetland F	Hydrology	Present?	Yes	No X	
(includes ca	pillary fringe)				_							
Describe Re	corded Data (stream	gauge, mo	onitoring well, aeria	al photos	, previous	inspec	tions), if availa	ıble:			<u> </u>	
Remarks:	malianalian seri di 11	value I -	una alaceres I									
ivo positive i	ndication of wetland h	yarology v	vas opserved.									

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

, , ,								
Project/Site: Colonel James Jabara Airport		City/Cou	nty: Sedgwi	ck	Sa	mpling Dat	e: 8/29	/2023
Applicant/Owner: Wichita Airport Authority						npling Poir		JP2
Investigator(s): John Allison & Shane Manion		Section, T	Township, Ra	nge: Sec. 28, T2	 6S, R2E			
Landform (hillside, terrace, etc.): flat				rex, none): none			Slope (%)	: 0
Subregion (LRR): LRR H, MLRA 74 Lat: 37.7		,		97.221018			n: NAD	
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3		;	_		classificatio	— n: PABFh		
Are climatic / hydrologic conditions on the site typica			Yes	No X (If r	no. explain i	n Remarks	.)	
Are Vegetation, Soil, or Hydrology				` Circumstances" pre				
Are Vegetation, Soil, or Hydrology				plain any answers				_
SUMMARY OF FINDINGS – Attach site						,	eatures	, etc.
Liverantia Verentation Present? Ver	No. V	lo the	Compled A					
	No X No	I	e Sampled A n a Wetland		N	lo X		
	No X	"""	a woulding			<u> </u>		
Remarks:								
This point was determined not to be within a wetlar			tic vegetation	n and wetland hydr	ology. Acco	rding to the	e APT res	sults,
the area was under drier than normal conditions du		it.						
VEGETATION – Use scientific names of	-							
Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Tes	st workshe	et:		
1. Populus deltoides	20	Yes	FAC	Number of Dom				
2.				Are OBL, FACW		_	1	_(A)
3				Total Number of		Species		
4				Across All Strata		_	5	_ ^(B)
Sapling/Shrub Stratum (Plot size: 15'		=Total Cover		Percent of Domi Are OBL, FACW	•	es That	20.0%	(A/B)
1. Juniperus virginiana	- ' 5	Yes	UPL	Ale OBL, I ACV	V, OI FAC.	_	20.070	- (A/D)
2.				Prevalence Ind	ex worksh	eet:		
3.				Total % Cover o	of:	Multiply	by:	
4				OBL species	0	x 1 = _	0	_
5				FACW species		- x2=_	0	_
Llorb Stratum (Diet eine El	5	=Total Cover		FAC species	20 90	- ×3=_	60 360	-
Herb Stratum (Plot size: 5') 1. Lolium perenne	30	Yes	FACU	FACU species UPL species	5	- x4= x5=	25	-
Helianthus maximiliani	25	Yes	FACU	Column Totals:	115	(A) –	445	- (B)
3. Solidago altissima	20	Yes	FACU	Prevalence Inde	ex = B/A =	- ` <i>'</i> —	3.87	_` ′
4. Desmanthus illinoensis	15	No	FACU					
5				Hydrophytic Ve	_			
6				1 - Rapid Te	-		getation	
7.				2 - Dominar				
8.				3 - Prevaler				
9				4 - Morpholo	ogicai Adap emarks or c			
10	90	=Total Cover		Problematic				
Woody Vine Stratum (Plot size: 30')	10101 00101		¹ Indicators of hy		•		<i>'</i>
1. None observed	<u> </u>			be present, unle				mast
2.				Hydrophytic				
		=Total Cover		Vegetation				
% Bare Ground in Herb Stratum10				Present?	Yes	No	X	
Remarks:	l 1 /> F/	20/ - f - l !			-L-:\			
No positive indication of hydrophytic vegetation was	s observed (≥50)% ot dominar	nt species inc	iexed as FAC- or d	aner).			

SOIL Sampling Point: UP2

Profile Desc Depth	ription: (Describe Matrix	to the depth		ument thox Featur		ator or o	confirm the ab	sence of indic	cators.)	
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Texture	.	Remarks	
0-16	2.5YR 4/1	90	10YR 3/6	10	C	M	Loamy/Cla		rtomanto	
	2.511(4/1		101103/0				Loanly/Ole			
	-						-			
				- —						
Type: C=Co	oncentration, D=Dep	 letion_RM=R	educed Matrix	CS=Cove	ered or C	oated S	and Grains	² l ocation: I	PL=Pore Lining, M=M	atrix
	Indicators: (Application					oated O	ana Gramo.		for Problematic Hyd	
Histosol		4510 to 411 E1	,		Sleyed M	atrix (S4	1)		uck (A9) (LRR I, J)	
	oipedon (A2)			•	Redox (S		• /		Prairie Redox (A16) (L	RR F G H
Black His					Matrix (,			urface (S7) (LRR G)	, 0, 11,
	n Sulfide (A4)			•	Mucky Mi		1)		ains Depressions (F1	6)
	l Layers (A5) (LRR I	=1		-	Gleyed M				R H outside of MLR	,
	ck (A9) (LRR F, G,	•			d Matrix (-)	•	ed Vertic (F18)	12 0 13)
	l Below Dark Surfac			-	a Mailix (Dark Surf		١		rent Material (F21)	
	rk Surface (A12)	e (ATT)		-	d Dark S	, ,			nallow Dark Surface (I	E22\
l —	lucky Mineral (S1)			Redox D					Explain in Remarks)	22)
	lucky Milleral (31) lucky Peat or Peat (S2) (I PP G		-	ains Depr	. ,			of hydrophytic vegeta	tion and
_	cky Peat or Peat (S			- ~	RA 72 &		` '		I hydrology must be p	
	cky rear or rear (o	o) (Likiti)		(14121	W 12 W	OI LI	XIX II)		disturbed or problema	
Restrictive I	_ayer (if observed):	:								
Type: _			_							
Depth (ir	nches):		_				Hydric Soil	Present?	Yes X	No
Remarks: A positive inc	dication of hydric soi	l was observe	ed.							
HYDROLO	GY									
1	drology Indicators:									
	cators (minimum of o	one is require					<u>S</u>	-	cators (minimum of tw	o required)
	Water (A1)		Salt Crus				_		l Cracks (B6)	
_	ter Table (A2)		Aquatic Ir				_		egetated Concave Su	rface (B8)
Saturation	` ,		Hydrogen		•	•	_		atterns (B10)	
_	arks (B1)		Dry-Seas					_	nizospheres on Living	Roots (C3)
	t Deposits (B2)		Oxidized			Living R	oots (C3)	(where til	•	
	oosits (B3)		•	not tilled	,		_	Crayfish Bu		
	t or Crust (B4)		Presence			(C4)	_		/isible on Aerial Imag	ery (C9)
I — ·	osits (B5)		Thin Muc				_		Position (D2)	
	on Visible on Aerial I	magery (B7)	Other (Ex	plain in F	Remarks)		_	FAC-Neutra	` '	
	tained Leaves (B9)						_	Frost-Heave	e Hummocks (D7) (LF	RR F)
Field Obser										
Surface Wat		es	No <u>X</u>		nches): _					
Water Table			No X	Depth (i	nches): _					
Saturation P		es	No X	Depth (i	nches):		Wetland H	ydrology Pres	sent? Yes	No X
(includes cap										
Describe Re	corded Data (stream	n gauge, mon	itoring well, aeri	al photos	, previou	s inspec	ctions), if availa	ble:		
Remarks:										
	ndication of wetland	hydrology wa	s observed.							
-										

See ERDC/EL TR-10-1: the proponent agency is CECW-CO-R

COO ENDO/EE TIX TO 1, and propor	toric agonoy	10 0 2 0 11 0					
Project/Site: Colonel James Jabara Airport		City/Cou	ınty: Sedgwi	ck	Sampling Da	ate: 8/29	/2023
Applicant/Owner: Wichita Airport Authority				State: KS	Sampling Po		W2
Investigator(s): John Allison & Shane Manion		Section, 7	Township, Ra	 nge: Sec. 28, T26S, R2			
Landform (hillside, terrace, etc.): riparian corridor				rex, none): none		Slope (%):	· 1
Subregion (LRR): LRR H, MLRA 74 Lat: 37.7		L004. 15 ,	·	97.221883		ım: NAD	
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3					cation: PABFI		100
Are climatic / hydrologic conditions on the site typical		-		No X (If no, exp			
Are Vegetation, Soil, or Hydrology				Circumstances" present?		No	_
Are Vegetation, Soil, or Hydrology			•	plain any answers in Ren	,		
SUMMARY OF FINDINGS – Attach site	map showir	ng samplin	g point lo	cations, transects,	important f	eatures.	, etc.
Hydrophytic Vegetation Present? Yes X	No	Is the	e Sampled A	rea			
Hydric Soil Present? Yes X	No	I	in a Wetland		No		
Wetland Hydrology Present? Yes X	No						
Remarks:							
This point was determined to be within a wetland d	ue to the preser	nce of all 3 we	etland criteria.	According to the APT re	sults, the area	was under	drier
than normal conditions during the site visit.							
VEGETATION – Use scientific names of	•						
<u>Tree Stratum</u> (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test wor	ksheet:		
1. Salix nigra	40	Yes	FACW	Number of Dominant S			
2.				Are OBL, FACW, or F.	•	3	(A)
3.				Total Number of Domi	-		
4.				Across All Strata:		3	_(B)
		=Total Cover		Percent of Dominant S	•		
Sapling/Shrub Stratum (Plot size: 15'	_)			Are OBL, FACW, or F	AC:	100.0%	_ (A/B)
1. None observed				Businelan as Index we			
2. 3.				Prevalence Index wo Total % Cover of:		ly by	
				OBL species 0	Multipl x 1 =	0 0	
5.				FACW species 4		80	-
0		=Total Cover		FAC species 10		300	-
Herb Stratum (Plot size:5')				FACU species 1		40	_
1. Ambrosia trifida	60	Yes	FAC	UPL species 0	x 5 =	0	_
2. Iva annua	40	Yes	FAC	Column Totals: 15	(A)	420	(B)
3. Lolium perenne	10	No	FACU	Prevalence Index = B	/A =	2.80	_
4							
5.				Hydrophytic Vegetati			
6. 7.				1 - Rapid Test for X 2 - Dominance Te		egetation	
8.				X 3 - Prevalence Inc			
9.				4 - Morphological		Provide sur	portina
10				data in Remark			
	110	=Total Cover		Problematic Hydro	phytic Vegetat	tion ¹ (Expla	ain)
Woody Vine Stratum (Plot size: 30'	_)			¹ Indicators of hydric so	oil and wetland	hydrology	must
None observed				be present, unless dis	turbed or proble	ematic.	
2				Hydrophytic			
% Bare Ground in Herb Stratum 0		=Total Cover		Vegetation Present? Yes	V No.		
				Present? Yes	X No		
Remarks: A positive indication of hydrophytic vegetation was	observed (>50°	% of dominant	t species inde	exed as OBL_FACW_or F	AC)		
, , , , , , , , , , , , , , , , , , ,	0.000.100 (00.0	70 01 00111110111	. op 00.00a0		, .		

SOIL Sampling Point: W2

Depth	Matrix	o the depi		ox Featu		itor or t	confirm the absence	of indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-15	10YR 3/1	97	10YR 5/6	3	С	М	Loamy/Clayey	Prominent redox concentrations
- <u></u>								
¹ Type: C=C	oncentration, D=Depl	etion, RM=	Reduced Matrix,	CS=Cove	ered or C	oated S	and Grains. ² Loo	cation: PL=Pore Lining, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all L	RRs, unless oth	nerwise n	oted.)		Ind	icators for Problematic Hydric Soils
Histosol				_Sandy C	Sleyed Ma	atrix (S4	4)	1 cm Muck (A9) (LRR I, J)
	pipedon (A2)			_	Redox (S5			Coast Prairie Redox (A16) (LRR F, G
	istic (A3)			_	d Matrix (S			Dark Surface (S7) (LRR G)
_ ' '	en Sulfide (A4)	`		- ′	Mucky Mi	,	· —	High Plains Depressions (F16)
	d Layers (A5) (LRR F uck (A9) (LRR F, G, F			_	Gleyed M d Matrix (2)	(LRR H outside of MLRA 72 & 73 Reduced Vertic (F18)
	d Below Dark Surface		X	Redox D	,	,		Red Parent Material (F21)
	ark Surface (A12)	,		-	d Dark Sı	•		Very Shallow Dark Surface (F22)
Sandy N	Mucky Mineral (S1)			_ Redox [Depressio	ns (F8)		Other (Explain in Remarks)
	Mucky Peat or Peat (, ,	i, H)		ains Depr		, ,	licators of hydrophytic vegetation and
5 cm Mi	ucky Peat or Peat (S3) (LRR F)		(MLF	RA 72 & 7	73 of LF	RR H)	wetland hydrology must be present, unless disturbed or problematic.
Restrictive	Layer (if observed):							unless disturbed of problematic.
Type:	clay par	1						
Depth (i		15					Hydric Soil Preser	nt? Yes X No
Remarks:								
A positive in	dication of hydric soil	was obser	ved.					
HYDROLO	OGY							
	drology Indicators:							
_	cators (minimum of o	ne is requir	ed check all that	t apply)			Second	ary Indicators (minimum of two require
	Water (A1)		Salt Crus					face Soil Cracks (B6)
High Wa	ater Table (A2)		Aquatic I	nvertebra	tes (B13))	Spa	arsely Vegetated Concave Surface (B8
Saturati	` '		Hydroger	n Sulfide (Odor (C1)	Dra	inage Patterns (B10)
	larks (B1)		Dry-Seas		•	,		dized Rhizospheres on Living Roots (C
	nt Deposits (B2)					_iving R		vhere tilled)
	posits (B3) at or Crust (B4)		(wnere Presence	not tille	,	(C4)		yfish Burrows (C8) uration Visible on Aerial Imagery (C9)
	posits (B5)		Thin Muc			(04)		omorphic Position (D2)
	on Visible on Aerial Ir	nagery (B7						C-Neutral Test (D5)
	Stained Leaves (B9)	0 , (<i>,</i> — ·		,			st-Heave Hummocks (D7) (LRR F)
Field Obser	vations:							
Surface Wa	ter Present? Ye	s	No X	Depth (i	inches): _		.	
Water Table		s	No X		inches): _		.	
Saturation F		s	No <u>X</u>	Depth (i	inches): _		Wetland Hydrolo	ogy Present? Yes X No
	pillary fringe)	dalido mo	nitoring well acri	al photos	provious	e incocc	ctions) if available:	
Describe Re	corded Data (stream	yauye, 1110	ilitoring well, aeri	ai priotos	, previous	s mspec	Suoris), ii avallable:	
Remarks:								
No positive	indication of wetland h	nydrology v	vas observed.					

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport		City/County: Sedgwick Sampling Date: 8/2								
Applicant/Owner: Wichita Airport Authority				State: KS	_ Sampling Point:	: UP3	_			
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ra	ange: Sec. 28, T26S, R	- ₹2E					
Landform (hillside, terrace, etc.): hillside		Local relief (co	oncave, conv	vex, none): slope	Slo	ope (%): <u>1-</u>	-3_			
Subregion (LRR): LRR H, MLRA 74 Lat: 37.	.765215		Long: <u>-</u> 9	97.221714	Datum:	NAD83				
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to	3 percent slopes	S		NWI class	ification: PABFh					
Are climatic / hydrologic conditions on the site typic	cal for this time o	of year?	Yes	No X (If no, ex	φlain in Remarks.)		_			
Are Vegetation, Soil, or Hydrology	significantly	disturbed? F	Are "Normal (Circumstances" present?	? Yes <u>X</u> N	۷o				
Are Vegetation, Soil, or Hydrology			If needed, ex	kplain any answers in Re	emarks.)					
SUMMARY OF FINDINGS – Attach site			g point lo	cations, transects	, important fea	itures, etc) .			
Hydrophytic Vegetation Present? Yes	No X	Is the	e Sampled A	area						
Hydric Soil Present? Yes	No X	within a Wetland? Yes No _X								
Wetland Hydrology Present? Yes	No <u>X</u>									
Remarks:	and due to the la	est of all throat	watland crita	ric Assording to the AD	Traculto the area	was under				
This point was determined not to be within a wetla drier than normal conditions during the site visit.	and due to the la	.CK of all unlee i	Welland Chle	na. According to the AF	I results, the area	was uriuei				
VEGETATION – Use scientific names o	of plants.									
	Absolute	Dominant	Indicator	Τ ,			\neg			
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test wo						
Populus deltoides 2.	25	Yes	FAC_	Number of Dominant Are OBL, FACW, or I	•	1 (A)				
3.				Total Number of Dom		(' .',				
4.				Across All Strata:	ппані оресіез	3 (B)	,			
	25	=Total Cover		Percent of Dominant	Species That	``				
Sapling/Shrub Stratum (Plot size: 15')	1		Are OBL, FACW, or I	•	33.3% (A/I	B)			
1. None observed										
2.				Prevalence Index w						
3.				Total % Cover of:	Multiply b	•	\dashv			
4.				ı · · · —	0 x 1 =	0				
5		=Total Cover		· · · —	0 x 2 = 25 x 3 =	<u>0</u> 75				
Herb Stratum (Plot size: 5')		- Total Gover			90 x 4 =	360				
1. Lolium perenne	30	Yes	FACU	· —	15 x 5 =	75				
2. Desmanthus illinoensis	25	Yes	FACU	Column Totals: 1	(A)	510 (B))			
3. Solidago altissima	20	No	FACU	Prevalence Index = I	B/A = 3.9	32				
4. Ambrosia psilostachya	15	No	FACU							
5. Cirsium vulgare	15	No	UPL	Hydrophytic Vegeta						
6				I —	or Hydrophytic Vege	tation				
7				2 - Dominance T						
8.				3 - Prevalence In	ndex is ≤3.0° il Adaptations ¹ (Pro	· : da aumnartí	:			
9. 10.					ii Adaptations (Pro ks or on a separate		liig			
10	105	=Total Cover			rophytic Vegetation					
Woody Vine Stratum (Plot size: 30')			¹ Indicators of hydric s			t			
1. None observed				be present, unless di						
2.				Hydrophytic						
		=Total Cover		Vegetation						
% Bare Ground in Herb Stratum0				Present? Yes	No _X	<u></u>				
Remarks:										
No positive indication of hydrophytic vegetation wa	as observed (≥5	0% of dominar	nt species inc	dexed as FAC- or drier).						

SOIL Sampling Point: UP3

Profile Dese	cription: (Describe Matrix	to the depth		cument tl ox Featur		tor or c	onfirm the abs	ence of indicato	rs.)		
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks		
			Color (Illoist)		Туре				Remarks		
0-12	10YR 4/3	100					Loamy/Clay	<u></u>			
	-										
1Type: C=C	oncentration, D=De	 nletion RM=R	Peduced Matrix	CS=Cove	ered or Co		and Grains	² l ocation: Pl =	Pore Lining, M=	Matriy	
	Indicators: (Applic					oatou oc	ina Grains.		Problematic Hy		
Histosol		able to all El	and anicos ou		Sleyed Ma	atrix (S4))		(A9) (LRR I, J)	uno cono .	
	pipedon (A2)			-	Redox (S5		,		ie Redox (A16)	(LRR F. G. H)	
	istic (A3)			- '	Matrix (S	,			ce (S7) (LRR G)		
	en Sulfide (A4)			-	Mucky Mi		1)		Depressions (F		
	d Layers (A5) (LRR	F)		_	Gleyed M				outside of MLF	,	
	uck (A9) (LRR F, G,			-	d Matrix (•	,	Reduced V		,	
	d Below Dark Surfac			-) Dark Surfa				Material (F21)		
	ark Surface (A12)	,		_	d Dark Su	. ,	7)	Very Shallo	w Dark Surface	(F22)	
Sandy N	/lucky Mineral (S1)		-	-	Depressio			Other (Expl	ain in Remarks)		
2.5 cm l	Mucky Peat or Peat	(S2) (LRR G,	H)	- High Pla	ins Depr	essions	(F16)	³ Indicators of h	ydrophytic veget	ation and	
5 cm Mu	ucky Peat or Peat (S	3) (LRR F)		(MLF	RA 72 & 7	3 of LR	R H)		drology must be urbed or problen		
Restrictive	Layer (if observed)	:							•		
Type:	clay pa	an									
Depth (i	nches):	12	_				Hydric Soil Present? Yes No				
Remarks: No positive i	indication of hydric s	oils was obse	erved.								
HYDROLO	OGY										
1	drology Indicators										
	cators (minimum of	one is require					<u>Se</u>	condary Indicato	•	wo required)	
_	Water (A1)		Salt Crus		(5.40)			_Surface Soil Cr		(50)	
	ater Table (A2)		Aquatic II						ated Concave S	urface (B8)	
— Saturation			— Hydroger		, ,			_ Drainage Patter	, ,	D t - (OO)	
_	Marks (B1)		Dry-Seas		,	,		_	spheres on Livin	g Roots (C3)	
	nt Deposits (B2)		Oxidized			_iving RC	oois (C3)	(where tilled	•		
	posits (B3)		•	not tilled	,	C4)		Crayfish Burrov	vs (Co) ble on Aerial Ima	gon/(CO)	
Algal Mat or Crust (B4) — Presence of Reduced Iron (C4) Thin Muck Surface (C7)						(4)		Geomorphic Po		igery (Ca)	
Iron Deposits (B5) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Other (Explain in Remarks)								FAC-Neutral Te			
l —	Stained Leaves (B9)	magery (Br)		piaiii iii i	(ciriaino)			_	ummocks (D7) (I	LRR F)	
Field Obser	` ′							_	()(,	
Surface Wat	ter Present? Y	es	No X	Depth (i	nches):						
Water Table Present? Yes No X Depth (inches):											
Saturation Present? Yes No X Depth (inches):							Wetland Hy	drology Present	t? Yes	No X	
(includes ca	pillary fringe)										
Describe Re	corded Data (stream	n gauge, mon	itoring well, aeri	al photos	, previous	sinspect	ions), if availab	le:			
Remarks:											
	indication of wetland	hydrology wa	as observed.								
· .		,									
r											

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport		City/Coun	nty: Sedgwic	k	Sampling Date: 8/29/2		9/2023					
Applicant/Owner: Wichita Airport Authority				Sampling	Point:	W3						
Investigator(s): John Allison & Shane Manion		Section, To	ownship, Rar	ige: Sec. 28, T26S, F	R2E							
Landform (hillside, terrace, etc.): depression Local relief (concave, convex, none): concave Slope (%): 1												
Subregion (LRR): LRR H, MLRA 74 Lat: 37.76	5882		Long: <u>-9</u>	7.223067	D	atum: NAI	D83					
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 percent slopes NWI classification: PABFh												
Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _X (If no, explain in Remarks.)												
Are Vegetation, Soil, or Hydrologysignificantly disturbed? Are "Normal Circumstances" present? Yes X No												
Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)												
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.												
Hydrophytic Vegetation Present? Yes X N	lo	Is the	Sampled Ar	ea								
Hydric Soil Present? Yes X N	a Wetland?		No									
l	lo											
Remarks:												
This point was determined to be within a wetland due to the presence of all 3 wetland criteria. According to the APT results, the area was under drier than normal conditions during the site visit.												
VEGETATION – Use scientific names of p												
VEGETATION - Ose scientific flames of p	Absolute	Dominant	Indicator									
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test wo	rksheet:							
1. None observed				Number of Dominant								
2.				Are OBL, FACW, or		2	— ^(A)					
3				Total Number of Don Across All Strata:	ninant Specie	s 2	(B)					
	=	Total Cover		Percent of Dominant	Species Tha		— (3)					
Sapling/Shrub Stratum (Plot size: 15'				Are OBL, FACW, or		100.0%	(A/B)					
None observed			l									
2.			l	Prevalence Index w		e b.b.						
3. 4.			—— I	Total % Cover of: OBL species	Mul 60 x 1	tiply by: = 60						
5.					40 x 2		_					
	=	Total Cover		· · · · · · · · · · · · · · · · · · ·	0 x 3		_					
Herb Stratum (Plot size: 5')					0 x 4							
1. Typha angustifolia	60	Yes .	OBL OBL		0 x 5		-					
Persicaria pensylvanica 3.	40	Yes .	FACW_	Column Totals: 1 Prevalence Index = 1	00 (A)	1.40	— ^(B)					
4.				Plevaletice triuex -	D/A	1.40	_					
5.				Hydrophytic Vegeta	tion Indicato	ors:						
6.				1 - Rapid Test for Hydrophytic Vegetation								
7.		X 2 - Dominance Test is >50%										
8				X 3 - Prevalence In		1,						
9.				4 - Morphologica data in Remar								
10	100 =	Total Cover	—— I				*					
Woody Vine Stratum (Plot size: 30'	Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must											
1. None observed				be present, unless di								
2				Hydrophytic								
% Bare Ground in Herb Stratum 0	=	Total Cover		Vegetation Present? Yes	. V N	lo						
Remarks:				riesent: les	<u> </u>							
A positive indication of hydrophytic vegetation was ob-	oserved (>50%	of dominant	species inde	ked as OBL, FACW, or	FAC).							
	•		•		,							

SOIL Sampling Point: W3

	cription: (Describe t	to the depth				tor or co	onfirm the ab	sence of indi	cators.)	
Depth	Matrix			x Featur		. 2				
(inches)	Color (moist)	<u> </u>	Color (moist)		Type ¹	Loc ²	Textur		Remarks	
0-14	10YR 2/1	90	2.5YR 5/6	10	C	_PL_	Loamy/Cl	ayey P	rominent redox conce	entrations
¹ Type: C=C	oncentration, D=Depl	etion, RM=R	educed Matrix, (CS=Cove	red or Co	oated Sa	and Grains.	² Location:	PL=Pore Lining, M=N	Matrix.
Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless other	erwise n	oted.)			Indicators	for Problematic Hye	dric Soils ³ :
Histosol	(A1)			Sandy G	leyed Ma	atrix (S4))	1 cm N	Muck (A9) (LRR I, J)	
Histic Er	pipedon (A2)			Sandy R	edox (S5	5)		Coast	Prairie Redox (A16) (LRR F, G, H
Black Hi				Stripped					urface (S7) (LRR G)	
_	n Sulfide (A4)			Loamy N			1)		lains Depressions (F	16)
	Layers (A5) (LRR F)		Loamy C	-				R H outside of MLR	
	ick (A9) (LRR F, G, H	•		Depleted			,		ed Vertic (F18)	,
_	Below Dark Surface		X	Redox D	`	,		Red Pa	arent Material (F21)	
I — ·	ark Surface (A12)	,		Depleted			7)		hallow Dark Surface	(F22)
	lucky Mineral (S1)		X	Redox D			,		(Explain in Remarks)	,
_	Mucky Peat or Peat (S	S2) (LRR G,		High Pla		. ,	(F16)		of hydrophytic vegeta	ation and
	icky Peat or Peat (S3	, ,		_	A 72 & 7				d hydrology must be	
	`	, ,		` .			•		disturbed or problem	
Restrictive	Layer (if observed):									
Type:			_							
Depth (ir	nches):		_				Hydric Soil	Present?	Yes X	No
Remarks:										
Soil sample	was taken in area sul	oject to pond	ing. A positive ir	ndication	of hydric	soil was	observed.			
HYDROLC	ncv									
	drology Indicators: cators (minimum of or	!	اد ماه الد ماد ماه ماه							
	•	ne is required						_	cators (minimum of to	<u>wo requirea)</u>
_	Water (A1)		Salt Crust		oo (D12)		_	X Surface So		urface (DO)
	iter Table (A2)		Aquatic In				_		egetated Concave Su	urrace (B8)
— Saturatio			— Hydrogen				_		atterns (B10)	Danta (CO)
_	arks (B1)		Dry-Seaso				_		hizospheres on Living	g Roots (C3)
	nt Deposits (B2)		Oxidized F			_iving Ro	oois (C3)	(where ti	•	
X Drift Dep	` '		•	not tilled	,	(04)	_		urrows (C8)	· (CO)
_	at or Crust (B4)		Presence			C4)	_		Visible on Aerial Imag	gery (C9)
	osits (B5)		Thin Muck		. ,		_		ic Position (D2)	
_	on Visible on Aerial Ir	nagery (B7)	Other (Exp	olain in R	emarks)		_	X FAC-Neutra		DD E\
	tained Leaves (B9)							Frost-Heav	e Hummocks (D7) (L	.RR F)
Field Obser										
Surface Wat		s	No X	Depth (i						
Water Table		s			nches): _					
Saturation P		s	No X	Depth (i	nches): _		Wetland I	Hydrology Pre	sent? Yes X	No
(includes cap										
Describe Re	corded Data (stream	gauge, moni	toring well, aeria	ıı photos,	previous	sinspect	ions), if availa	able:		
Remarks:										
	dication of wetland hy	drology was	observed (at lea	ast one p	rimarv in	dicator).				
'		3,	(100		.,	,.				

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport		City/County: Sedgwick Sampling Date: 8/29/20						
Applicant/Owner: Wichita Airport Authority				State: KS	Sampling Point:	UP4		
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ra	nge: Sec. 28, T26S, R2	<u>?</u> E			
Landform (hillside, terrace, etc.): hillside		Local relief (co	oncave, conv	vex, none): slope	Slop	oe (%):3		
Subregion (LRR): LRR H, MLRA 74 Lat: 37.765	5887		Long: <u>-</u> 9	97.223330	Datum:	NAD83		
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 pe	ercent slopes	;		NWI classifi	ication: PABFh			
Are climatic / hydrologic conditions on the site typical for	or this time c	of year?	Yes	No X (If no, exp	lain in Remarks.)			
Are Vegetation, Soil, or Hydrologys	significantly (disturbed? A	Are "Normal C	Circumstances" present?	Yes X No	·		
Are Vegetation, Soil, or Hydrologyı			If needed, ex	κρlain any answers in Ren	narks.)			
SUMMARY OF FINDINGS – Attach site ma			g point lo	cations, transects,	important feat	ures, etc.		
Hydrophytic Vegetation Present? Yes X No	0	Is the	e Sampled A	rea				
Hydric Soil Present? Yes No	o X	withi	n a Wetland	? Yes	NoX			
Wetland Hydrology Present? Yes No	o <u>X</u>							
Remarks:			-					
This point was determined not to be within a wetland of under drier than normal conditions during the site visit		ck of hydric so	ils and wetla	nd hydrology. According t	to the APT results, t	the area was		
VEGETATION – Use scientific names of p	olants.							
T Ctrotum (Dietoizo: 201	Absolute	Dominant Species?	Indicator	Daminanaa Toot war	des bases			
Tree Stratum (Plot size: 30') 1. Populus deltoides	% Cover 20	Species? Yes	Status FAC	Dominance Test wor				
2. Carya illinoinensis	20	Yes	FAC	Number of Dominant S Are OBL, FACW, or F	•	3 (A)		
3.				Total Number of Domi		<u> </u>		
4.				Across All Strata:		5 (B)		
	40	=Total Cover		Percent of Dominant S	Bpecies That			
Sapling/Shrub Stratum (Plot size: 15')			Are OBL, FACW, or F	•	0.0% (A/B)		
Carya illinoinensis	25	Yes	FAC					
2. Juniperus virginiana	20	Yes	UPL	Prevalence Index wo				
3. Salix nigra	10	No	FACW_	Total % Cover of:	Multiply by:			
4				OBL species 0		0		
5		=Total Cover		FACW species 10 FAC species 69		<u>20</u> 195		
<u>Herb Stratum</u> (Plot size: 5')		-Tulai Guvei		FAC species 80		320		
1. Lolium perenne	80	Yes	FACU	UPL species 20		100		
2.				Column Totals: 17		635 (B)		
3.				Prevalence Index = B				
4.								
5.				Hydrophytic Vegetati	on Indicators:			
6.				l —	Hydrophytic Vegeta	ation		
7				X 2 - Dominance Te				
8				3 - Prevalence Ind				
9					Adaptations ¹ (Provi			
10		T 1:1 Oaven				,		
Waady Vina Stratum (Plat size: 30'	80:	=Total Cover		l —	ophytic Vegetation ¹			
Woody Vine Stratum (Plot size: 30') 1. None observed)			¹ Indicators of hydric so be present, unless dis				
2.				·	urbed or problemat	10.		
		=Total Cover		Hydrophytic Vegetation				
% Bare Ground in Herb Stratum 20				Present? Yes	X No			
Remarks:								
A positive indication of hydrophytic vegetation was ob	served (>50°	% of dominant	species inde	exed as OBL, FACW, or F	FAC).			

SOIL Sampling Point: UP4

Profile Desc Depth	ription: (Describe Matrix	to the depth		cument the		tor or c	confirm the a	absence of indic	cators.)	
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Textu	ıre	Remarks	
0-9	10YR 3/1	100	Color (molet)		.,,,,,		Loamy/C			
	1011(0/1	100					Loamy	лаусу		
		- — –								
	oncentration, D=Dep					oated Sa	and Grains.		PL=Pore Lining, M=	
-	ndicators: (Applica	able to all LF	RRs, unless oth						for Problematic H	-
Histosol				- '	Sleyed Ma	•	.)		uck (A9) (LRR I, J)	
	pipedon (A2)			_	Redox (S5				Prairie Redox (A16)	
Black His	` '			_	Matrix (S		4)		urface (S7) (LRR G	
	n Sulfide (A4)	_,		- '	Aucky Mi	•	•		ains Depressions (
	Layers (A5) (LRR F			_	Gleyed M		<u>2)</u>		R H outside of ML	RA /2 & /3)
	ck (A9) (LRR F, G, I			- '	d Matrix (,			ed Vertic (F18)	
	Below Dark Surface	e (ATT)	_	_	ark Surfa				rent Material (F21)	
	rk Surface (A12) lucky Mineral (S1)		_	_	d Dark Su Depressio		-1)		nallow Dark Surface Explain in Remarks	
	lucky Peat or Peat (S2) (I RR G	н/	_	ins Depr	` '	(F16)		of hydrophytic vege	,
	cky Peat or Peat (S				RA 72 & 7				I hydrology must be	
		o) (LIGIT)		(14121		0 01 21			disturbed or proble	
	_ayer (if observed):									
Type: _	clay pa		_						.,	
Depth (ir	nches):	9	_				Hydric Soi	il Present?	Yes	NoX
Remarks:										
No positive in	ndication of hydric so	oils was obse	erved.							
HYDROLO	GY									
Wetland Hyd	drology Indicators:									
Primary Indic	ators (minimum of o	one is require	d; check all that	apply)				Secondary India	cators (minimum of	two required)
Surface \	Water (A1)		Salt Crus	t (B11)				Surface Soi	l Cracks (B6)	
High Wa	ter Table (A2)		Aquatic I	nvertebra	tes (B13)			Sparsely Ve	egetated Concave S	Surface (B8)
Saturatio	on (A3)		Hydroger	Sulfide (Odor (C1))		Drainage Pa	atterns (B10)	
	arks (B1)		Dry-Seas						nizospheres on Livi	ng Roots (C3)
	t Deposits (B2)		Oxidized			iving R	oots (C3)	(where til	,	
	osits (B3)		•	not tilled	,			Crayfish Bu	` '	
	t or Crust (B4)		Presence			C4)			/isible on Aerial Im	agery (C9)
	osits (B5)	(D.7)	Thin Muc						Position (D2)	
	on Visible on Aerial I	magery (B7)	Other (E)	(plain in F	(emarks			FAC-Neutra		(I DD E)
	tained Leaves (B9)						1	Frost-Heave	e Hummocks (D7)	(LKK F)
Field Observ				5						
Surface Water		es	No X		nches): _					
Water Table Saturation Pr		es es	No X No X	Depth (i	nches): _ nches): _		Wotland	Hydrology Pro	sent? Yes	No. Y
			NO	Deptii (i			Welland	Hydrology Fres	Sent: 165	NoX
(includes cap	corded Data (stream	i dalide mon	itoring well seri	al nhotos	nrevious	inenec	tions) if avai	ilahle [.]		
Doooling IVE	oo. aca Data (strediii	. gaago, mon	.coming woll, acil	ai pilotos	, provious	, maper	onoj, ii avai	iidbio.		
Remarks:										
No positive in	ndication of wetland	hydrology wa	as observed.							

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

, 1 1							
Project/Site: Colonel James Jabara Airport		City/Cou	nty: Sedgwi	ck	Sampling Da	ate: 8/29	/2023
Applicant/Owner: Wichita Airport Authority				State: KS	Sampling Po	int:	W4
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ra	nge: Sec. 28, T26S, R	2E		
Landform (hillside, terrace, etc.): depression		Local relief (co	oncave, conv	ex, none): concave		Slope (%)	: 1
Subregion (LRR): LRR H, MLRA 74 Lat: 37.76	35856		Long:9	97.223999	Datu	ım: NAD	183
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3	percent slopes	5		NWI classit	fication: PABFI	n	
Are climatic / hydrologic conditions on the site typical	for this time of	of year?	Yes	No X (If no, exp	olain in Remark	s.)	
Are Vegetation, Soil, or Hydrology			Are "Normal C	Circumstances" present?	Yes X	No	
Are Vegetation, Soil, or Hydrology	_		If needed, ex	plain any answers in Rei	marks.)		_
SUMMARY OF FINDINGS – Attach site n			g point lo	cations, transects,	important f	eatures	, etc.
Hydrophytic Vegetation Present? Yes X 1	No	Is the	Sampled A	rea			
	No	ı	n a Wetland		No		
	No						
Remarks:							
This point was determined to be within a wetland du	e to the prese	nce of all 3 we	tland criteria	According to the APT re	esults, the area	was under	drier
than normal conditions during the site visit.							
VEGETATION – Use scientific names of	•	Development	In dia at an				
<u>Tree Stratum</u> (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test wo	rksheet:		
1. Salix nigra	30	Yes	FACW	Number of Dominant	Species That		
2. Populus deltoides	20	Yes	FAC	Are OBL, FACW, or F		3	_(A)
3				Total Number of Dom	inant Species		
4		-Tatal Cavan		Across All Strata:	-	3	_ ^(B)
Sapling/Shrub Stratum (Plot size: 15'	50	=Total Cover		Percent of Dominant : Are OBL, FACW, or F	•	100.0%	(A/R)
1. None observed	-'			AIC OBE, I AOW, OI I	-	100.070	_(//,//)
2.	- ——			Prevalence Index wo	orksheet:		
3.				Total % Cover of:	Multipl	y by:	
4				· -	<u>00</u> x 1 = _	100	_
5		T-4-1 0			0 x 2 = _	60	_
<u>Herb Stratum</u> (Plot size: 5')		=Total Cover			$\begin{array}{ccc} 0 & x & 3 = \\ \hline 0 & x & 4 = \end{array}$	60 0	-
1. Typha angustifolia	100	Yes	OBL	· —	$\frac{5}{0}$ $\times 5 = -$	0	-
2.					50 (A)	220	(B)
3.				Prevalence Index = E	B/A =	1.47	_
4							
5.				Hydrophytic Vegetat			
6. 7.				1 - Rapid Test for X 2 - Dominance Te		egetation	
8				X 3 - Prevalence Inc			
9.				4 - Morphological		Provide sup	porting
10					s or on a separ		
		=Total Cover		Problematic Hydr	ophytic Vegetat	tion ¹ (Expla	ain)
Woody Vine Stratum (Plot size: 30'	_)			¹ Indicators of hydric s			must
1. None observed				be present, unless dis	turbed or proble	ematic.	
2		=Total Cover		Hydrophytic			
% Bare Ground in Herb Stratum 0		- Total Cover		Vegetation Present? Yes	X No		
Remarks:				1 1 1 1			
A positive indication of hydrophytic vegetation was o	bserved (>50°	% of dominant	species inde	exed as OBL, FACW, or	FAC).		

SOIL Sampling Point: W4

	cription: (Describe t	o the depth				tor or co	onfirm the absen	ce of indicators	5.)	
Depth	Matrix			x Featur		. 2				
(inches)	Color (moist)	<u> </u>	Color (moist)		Type ¹	Loc ²	Texture		Remarks	
0-14	10YR 2/1	95	10YR 4/6	5	C	_PL_	Loamy/Clayey	Promine	ent redox conce	entrations
¹ Type: C=C	oncentration, D=Depl	etion, RM=R	educed Matrix, (CS=Cove	red or Co	oated Sa	and Grains.	Location: PL=Po	ore Lining, M=N	Лatrix.
Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless other	erwise n	oted.)		lı	ndicators for Pr	oblematic Hyd	dric Soils ³ :
Histosol	(A1)			Sandy G	leyed Ma	atrix (S4))	1 cm Muck (A	49) (LRR I, J)	
Histic Er	pipedon (A2)			Sandy R	edox (S5	5)	_	Coast Prairie	Redox (A16) (LRR F, G, H
Black Hi				Stripped			_		(S7) (LRR G)	
_	n Sulfide (A4)			Loamy N			_		Depressions (F	16)
	d Layers (A5) (LRR F)		Loamy C	-		_		utside of MLR	
	ıck (A9) (LRR F, G, H			Depleted			,	Reduced Ver		,
_	d Below Dark Surface		X	Redox D	`	,	_	— Red Parent M	Naterial (F21)	
I — ·	ark Surface (A12)	,		Depleted			7)		Dark Surface	(F22)
_	lucky Mineral (S1)		X	Redox D			<i>'</i>		n in Remarks)	,
_ '	Mucky Peat or Peat (S	S2) (LRR G,	_	High Pla		. ,	(F16)	 Indicators of hyd		ation and
	icky Peat or Peat (S3	, ,	<i></i>	_	A 72 & 7			-	ology must be p	
	,	, ,		`			,	•	ped or problem	
Restrictive	Layer (if observed):									
Type:			_							
Depth (ir	nches):		_				Hydric Soil Pres	sent?	Yes X	No
Remarks:										
Soil sample	was taken in area sub	oject to pond	ling. A positive in	ndication	of hydric	soil was	observed.			
HYDROLC	NGV									
	drology Indicators: cators (minimum of o	!	d. alaaal. all élaaé				0		/ii	
	•	ne is require	•					ndary Indicators		<u>wo requirea)</u>
_	Water (A1)		Salt Crust		oo (D12)			Surface Soil Crac		urface (DO)
	ater Table (A2)		Aquatic In					Sparsely Vegetat		irrace (B8)
— Saturatio			— Hydrogen					rainage Patterns		- Dasta (C2)
_	larks (B1)		Dry-Seaso					Oxidized Rhizosp	neres on Livinç	g Roots (C3)
	nt Deposits (B2)		Oxidized F			iving Ro		(where tilled)	(C0)	
I — ·	posits (B3)		•	not tilled	,	C4)		Crayfish Burrows	, ,	mam. (CO)
I —	at or Crust (B4)		Presence			(4)		Saturation Visible	•	gery (C9)
	oosits (B5)		Thin Muck		. ,			Seomorphic Posi		
_	on Visible on Aerial Ir	nagery (B7)	Other (Exp	olain in R	emarks)			AC-Neutral Test		DD E)
	tained Leaves (B9)						<u>, </u>	rost-Heave Hum	imocks (D7) (L	.KK F)
Field Obser										
Surface Wat		s	No X	Depth (i						
Water Table		s	No X		nches): _					
Saturation P		s	NoX	Depth (i	nches): _		vvetland Hydr	ology Present?	Yes X	No
(includes cap			14 1	Lada 1						
Describe Re	corded Data (stream	gauge, moni	itoring well, aeria	ıı pnotos,	previous	sinspect	ions), it available:			
Remarks:										
	dication of wetland hy	drology was	observed (at lea	ast two se	econdarv	indicato	rs).			
'		. 3,40	(2.1700	3			,			

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

, 1 1							
Project/Site: Colonel James Jabara Airport		City/Cou	nty: Sedgwi	ck	Sampling Da	ate: <u>8/29</u>	/2023
Applicant/Owner: Wichita Airport Authority				State: KS	Sampling Po	oint: L	UP5
Investigator(s): John Allison & Shane Manion		_Section, T	ownship, Ra	nge: Sec. 28, T26S, R2	E		
Landform (hillside, terrace, etc.): hillside	Lo	ocal relief (co	oncave, conv	ex, none): slope		Slope (%):	:5
Subregion (LRR): LRR H, MLRA 74 Lat: 37.	765932		Long: <u>-</u> 9	7.224112	Dat	um: <u>NAD</u>	183
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3	B percent slopes			NWI classifi	cation: PABF	h	
Are climatic / hydrologic conditions on the site typic	al for this time of y	/ear?	Yes	No X (If no, exp	ain in Remarl	(s.)	
Are Vegetation, Soil, or Hydrology	significantly dis	sturbed? A	re "Normal C	Circumstances" present?	Yes X	No	_
Are Vegetation, Soil, or Hydrology	naturally proble	ematic? (If needed, ex	plain any answers in Rem	ıarks.)		
SUMMARY OF FINDINGS – Attach site	map showing	samplin	g point lo	cations, transects,	important f	features,	, etc.
Hydrophytic Vegetation Present? Yes X	No	le the	Sampled A	roa			
Hydric Soil Present? Yes	No X	I .	n a Wetland		No X		
Wetland Hydrology Present? Yes	No X						
Remarks:		I					
This point was determined not to be within a wetlan under drier than normal conditions during the site v		of hydric so	ils and wetlar	nd hydrology. According t	o the APT res	ults, the are	ea was
VEGETATION – Use scientific names o	Absolute	Dominant	Indicator				
Tree Stratum (Plot size:30')	% Cover	Species?	Status	Dominance Test worl	sheet:		
1. Populus deltoides		Yes	FAC	Number of Dominant S			
2. Salix nigra 3.		Yes	FACW	Are OBL, FACW, or FA		2	_ ^(A)
4.				Total Number of Domii Across All Strata:	nant Species	3	(B)
	70 =1	Total Cover		Percent of Dominant S	pecies That		- ` ′
Sapling/Shrub Stratum (Plot size: 15')			Are OBL, FACW, or FA	•	66.7%	_ (A/B)
1. None observed							
2.				Prevalence Index wo		ly by	
3				Total % Cover of: OBL species 0	Multip x 1 =	0 0	
5.				FACW species 20		40	_
	=1	otal Cover		FAC species 50) x 3 =	150	_
Herb Stratum (Plot size: 5')	400	.,	= A O	FACU species 10		400	_
1. Lolium perenne 2.		Yes	<u>FACU</u>	UPL species 0 Column Totals: 17		0 590	(B)
3				Prevalence Index = B	 ``	3.47	– ^(D)
4.							_
5.				Hydrophytic Vegetati	on Indicators	:	
6				1 - Rapid Test for		egetation	
7. 8.				X 2 - Dominance Tes 3 - Prevalence Ind			
9.				4 - Morphological		Provide sur	portina
10				data in Remarks			
		Total Cover		Problematic Hydro	phytic Vegeta	tion ¹ (Expla	ain)
Woody Vine Stratum (Plot size: 30')			¹ Indicators of hydric so			must
1. None observed				be present, unless dist	urbed or probl	ematic.	
2		Total Cover		Hydrophytic Vegetation			
% Bare Ground in Herb Stratum0		30.01		Present? Yes_	X No		
Remarks:							
A positive indication of hydrophytic vegetation was	observed (>50%	of dominant	species inde	xed as OBL, FACW, or F	AC).		

SOIL Sampling Point: UP5

Profile Des	cription: (Describe Matrix	e to the depth		cument tl		itor or c	onfirm the abso	ence of indicator	s.)	
(inches)	Color (moist)	——————————————————————————————————————	Color (moist)	%		Loc ²	Texture		Domarka	
			Color (moist)		Type ¹	LOC			Remarks	
0-10	10YR 3/2	100					Loamy/Clay	ey		
	<u> </u>									
								'		
				-						
-										
1 _{Tymax} C=C	concentration D=Da		Paduaad Matrix				and Crains	21 acation: DI = F	Ora Lining M-1	Motrix
	oncentration, D=De	•				oated Sa	and Grains.	² Location: PL=F Indicators for P		
-	Indicators: (Applic	able to all Lr	kks, uniess oth			atriv (C1)			A9) (LRR I, J)	uric Solls :
— Histosol	pipedon (A2)			_	Gleyed Ma Redox (S5)		e Redox (A16) (I DD E C LI
	istic (A3)			- '	Redox (St I Matrix (S	,			e (S7) (LRR G)	
	en Sulfide (A4)			-	лиашх (« Mucky Mi		1)		Depressions (F	
	d Layers (A5) (LRR	E/		_	Sleyed M				outside of MLR	,
	uck (A9) (LRR F, G,			_	d Matrix (,	Reduced Ve		A 12 & 13)
	d Below Dark Surface			_	a Matrix ()ark Surfa				Material (F21)	
	ark Surface (A12)	50 (ATT)		_	d Dark Si	. ,			v Dark Surface	(F22)
	Mucky Mineral (S1)			_)epressio		.,		in in Remarks)	,
_	Mucky Peat or Peat	(S2) (LRR G.	Н)	_	ins Depr	. ,	(F16)	³ Indicators of hy		
	ucky Peat or Peat (S			- ~	RA 72 & 7		` '		rology must be	
	,	, ,		` .			,		rbed or problem	
Restrictive	Layer (if observed)):								
Type:	clay pan/	roots	_							
Depth (i	nches):	10	_				Hydric Soil Pi	resent?	Yes	No X
Remarks:						-				
No positive	indication of hydric s	soils was obse	erved.							
HYDROLO	OGY									
	drology Indicators									
1 -	cators (minimum of		ed: check all that	apply)			Se	condary Indicators	s (minimum of t	wo required)
	Water (A1)	ono io roquire	Salt Crus					Surface Soil Cra	•	wo roquirou _j
	ater Table (A2)		Aquatic II		tes (B13)			Sparsely Vegeta		urface (B8)
Saturati			Hydroger					_ Drainage Patterr		aa.o (20)
	/larks (B1)		Dry-Seas		•			Oxidized Rhizos	, ,	a Roots (C3)
	nt Deposits (B2)		Oxidized		•	,	oots (C3)	(where tilled)	•	3 (33)
	posits (B3)			not tilled		Ü	,	Crayfish Burrows	s (C8)	
	at or Crust (B4)		Presence	of Redu	ced Iron ((C4)		Saturation Visibl		gery (C9)
Iron Dep	posits (B5)		Thin Muc					Geomorphic Pos		
Inundati	on Visible on Aerial	Imagery (B7)	Other (Ex	φlain in F	Remarks)			FAC-Neutral Tes	st (D5)	
Water-S	Stained Leaves (B9)							_Frost-Heave Hur	mmocks (D7) (L	RR F)
Field Obser	rvations:									
Surface Wa	ter Present? Y	'es	No X	Depth (i	nches):					
Water Table	Present? Y	es	No X	Depth (i	nches):					
Saturation F	Present? Y	'es	No X	Depth (i	nches):		Wetland Hy	drology Present	? Yes	No X
(includes ca	pillary fringe)									
Describe Re	ecorded Data (strear	m gauge, mon	itoring well, aeri	al photos	, previous	s inspect	tions), if availabl	e:		
Damarilia										
Remarks:	indication of wetland	hvdrology w	as observed							
1.10 positive		, arology we	0.001 704.							

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport		City/Cour	nty: Sedgwick	<		Sampling Date	e: <u>8/30/</u>	/2023
Applicant/Owner: Wichita Airport Authority				State	:KS	Sampling Poin	t:\	W5
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ranç	ge: Sec.	28, T26S, R2	2E		
Landform (hillside, terrace, etc.): depression		Local relief (co	oncave, conve	x, none):	concave	S	lope (%):	5
Subregion (LRR): LRR H, MLRA 74 Lat: 37.76	34996		Long: <u>-97</u>	7.219366		Datum	n: NAD	83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 p	percent slopes	<u> </u>			NWI classifi	cation: PABFh		
Are climatic / hydrologic conditions on the site typical	for this time of	f year?	Yes	No X	(If no, exp	lain in Remarks.)	
Are Vegetation, Soil, or Hydrology	_significantly d	disturbed? A	re "Normal Cir	rcumstance	es" present?	Yes X	No	_
Are Vegetation, Soil, or Hydrology	_naturally prob	olematic? (I	If needed, expl	lain any an	swers in Ren	narks.)		_
SUMMARY OF FINDINGS – Attach site m	nap showin	ıg sampling	g point loc	ations, t	ransects,	important fe	atures,	etc.
Hydrophytic Vegetation Present? Yes X	No	Is the	Sampled Are	ea				
	No	I	n a Wetland?		Yes X	No		
	No							
Remarks:								
This point was determined to be within a wetland due than normal conditions at the time of the site visit.	e to the preser	nce of all 3 wet	tland criteria. <i>F</i>	According t	o the APT re	sults, the area w	as under	drier
VEGETATION – Use scientific names of	plants.							
701	Absolute	Dominant	Indicator					
Tree Stratum (Plot size: 30') 1. None observed	% Cover	Species?	Status		ce Test wor			
2.			<u> </u>		of Dominant S FACW, or F.	Species That AC:	1	(A)
3.	-					nant Species		- ()
4.				Across Al			1	_(B)
	=	=Total Cover				Species That	_	
Sapling/Shrub Stratum (Plot size: 15'	_)			Are OBL,	FACW, or F.	AC: _	100.0%	_ (A/B)
1. None observed 2.	- ——		—— 	Drovalon	ce Index wo	rkshoot:		
3.			<u> </u>	Total % C		Multiply	hv [.]	
4				OBL spec			0	
5.				FACW sp		5 x 2 =	170	_
	=	=Total Cover		FAC spec			0	_
Herb Stratum (Plot size: 5')	0.E	Vac	E4 C)A/	FACU spe			0	_
Persicaria pensylvanica 2	85	Yes	FACW_	UPL spec			170	– (B)
3			<u> </u>		ce Index = B	` _	.00	- ^(D)
4.				11012.5	o mac.			-
5.				Hydrophy	ytic Vegetati	ion Indicators:		
6.				1 - Ra	apid Test for	Hydrophytic Veg	etation	
7.					ominance Te			
8.					evalence Ind			
9						Adaptations ¹ (Pro		
10			<u> </u>			s or on a separa		
Waady Vina Stratum (Plot size: 30'	85	=Total Cover			•	ophytic Vegetatio		,
Woody Vine Stratum (Plot size: 30' 1. None observed	-)					oil and wetland hy turbed or probler		must
2.				Hydrophy		turbed or problem	latio.	
	:	=Total Cover		Vegetatio				
% Bare Ground in Herb Stratum15				Present?		X No_		
Remarks:								
A positive indication of hydrophytic vegetation was o	bserved (>50%	% of dominant	species index	ed as OBL	, FACW, or F	FAC).		

SOIL Sampling Point: W5

Profile Desc Depth	cription: (Describe t Matrix	o the depth		iment th x Featur		ator or c	onfirm the a	bsence of in	ndicators.))	
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Textu	ire		Remarks	
0-16	10YR 2/1	95	2.5YR 5/6	5	C		Loamy/C		Prominen	t redox conce	entrations
1Typo: C=C	oncentration, D=Depl		Poducod Matrix C				and Grains	² l ocatio	n: DI -Dor	e Lining, M=N	Matrix
	Indicators: (Applical					oateu Sa	and Grains.			blematic Hy	
Histosol		Jie to all Li			Sleyed M	atrix (S4))) (LRR I, J)	unc sons .
	oipedon (A2)				Redox (St		,			Redox (A16) (LRR F. G. H
	istic (A3)			•	Matrix (,				S7) (LRR G)	,,
	en Sulfide (A4)				Лиску Мі		1)		,	pressions (F	16)
	d Layers (A5) (LRR F)		-	Sleyed M					tside of MLR	,
1 cm Mu	ıck (A9) (LRR F, G, H)		Depleted	d Matrix ((F3)		Red	uced Verti	c (F18)	
Depleted	d Below Dark Surface	(A11)	<u>X</u> I	Redox D	ark Surf	ace (F6)		Red	Parent Ma	aterial (F21)	
Thick Da	ark Surface (A12)				d Dark S	,	7)			Dark Surface	(F22)
	lucky Mineral (S1)				epressio	` '				in Remarks)	
	Mucky Peat or Peat (S	, .	H)	-	ins Depr		,		,	ophytic vegeta	
5 cm Mi	ucky Peat or Peat (S3) (LRR F)		(MLF	RA 72 & 1	/3 of LR	(R H)		-	ogy must be ed or problem	
Restrictive	Layer (if observed):										
Type:											
Depth (i	nches):		<u> </u>				Hydric Soi	I Present?		Yes X	No
Remarks:											
Soil sample	was taken in area sub	ject to pond	ding. A positive in	dication	of hydric	soil was	s observed.				
HYDROLO	GY										
Wetland Hy	drology Indicators:										
Primary Indi	cators (minimum of or	ne is require	ed; check all that a	apply)				Secondary I	ndicators (ı	minimum of to	wo required)
Surface	Water (A1)		Salt Crust	` '			,	X Surface		. ,	
	ater Table (A2)		Aquatic Inv		, ,		,			d Concave Su	urface (B8)
Saturation			Hydrogen S		•	•			e Patterns		
	larks (B1)		Dry-Seaso				t- (C2)			eres on Livin	g Roots (C3)
	nt Deposits (B2)		Oxidized R			Living Ro	oots (C3)	•	e tilled)	C0)	
	oosits (B3) at or Crust (B4)		(where n Presence o			(C4)			Burrows (on Visible o	on Aerial Ima	nery (C9)
	oosits (B5)		Thin Muck			(04)	,	X Geomor			gory (OO)
	on Visible on Aerial In	nagery (B7)						X FAC-Ne	•	` '	
	tained Leaves (B9)	3 , ()	` '		,		•			nocks (D7) (L	.RR F)
Field Obser	vations:						Τ				
Surface Wat	ter Present? Yes	3	No X	Depth (i	nches):						
Water Table	Present? Yes	<u> </u>			nches):						
Saturation P	resent? Yes	s	No X	Depth (i	nches): _		Wetland	Hydrology F	Present?	Yes X	No
	pillary fringe)										
Describe Re	corded Data (stream	gauge, mor	nitoring well, aerial	photos	, previou	s inspect	tions), if avail	lable:			
Remarks:											
	dication of wetland hy	drology was	s observed (at leas	st one p	rimary in	dicator).					
	·										

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

, 1 1							
Project/Site: Colonel James Jabara Airport		City/Cour	nty: Sedgwid	ck	Sampling D	ate: <u>8/30</u>	/2023
Applicant/Owner: Wichita Airport Authority				State: KS	Sampling Po	oint:l	UP6
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ra	nge: Sec. 28, T26S, R2	2E		
Landform (hillside, terrace, etc.): flat		Local relief (co	oncave, conv	vex, none): none		Slope (%)	: 5
Subregion (LRR): LRR H, MLRA 74 Lat: 37.76	35050		_ Long: <u>-</u> 9	97.219409	Dat	tum: <u>NAD</u>)83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3	percent slopes	,		NWI classif	ication: PABF	h	
Are climatic / hydrologic conditions on the site typical	for this time of	f year?	Yes	No X (If no, exp	olain in Remari	ks.)	
Are Vegetation, Soil, or Hydrology				Circumstances" present?			
Are Vegetation, Soil, or Hydrology	_		If needed, ex	plain any answers in Ren	narks.)		_
SUMMARY OF FINDINGS – Attach site n	_		g point lo	cations, transects,	important	features	, etc.
Hydrophytic Vegetation Present? Yes X I	No	Is the	e Sampled A	rea			
	No	I .	n a Wetland		No X		
	No X					T.	
Remarks:							
This point was determined not to be within a wetland than normal conditions during the ste visit.	due to the lac	k of wetland h	nydrology. Ac	cording the the APT resu	ılts, the area w	vas under d	irier
	-14-						
VEGETATION – Use scientific names of	Absolute	Dominant	Indicator	Г			
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test wor	ksheet:		
1. Juniperus virginiana	20	Yes	UPL	Number of Dominant S			
2. Populus deltoides	15	Yes	FAC	Are OBL, FACW, or F		3	_ (A)
3. 4.				Total Number of Domi Across All Strata:	nant Species	5	(B)
4	35 =	=Total Cover			Charles That		_ ^(B)
Sapling/Shrub Stratum (Plot size: 15')	-10101 00.0.		Percent of Dominant S Are OBL, FACW, or F	•	60.0%	(A/B)
None observed	- ´ 						_ ` '
2.				Prevalence Index wo	rksheet:		
3				Total % Cover of:		oly by:	
4 5.				OBL species 40 FACW species 0		<u>40</u> 0	-
5		=Total Cover		FAC species 3		90	-
Herb Stratum (Plot size: 5')		1900		FACU species 1		60	-
Leersia oryzoides	40	Yes	OBL	UPL species 20	0 x 5 =	100	_
2. Apocynum cannabinum	15	Yes	FAC	Column Totals: 10	``	290	_(B)
3. Euphorbia marginata	15	Yes	FACU	Prevalence Index = B	/A =	2.76	-
4 5.				Hydrophytic Vegetati	ion Indicators	<u> </u>	
6.				1 - Rapid Test for			
7.				X 2 - Dominance Te		Ü	
8.				3 - Prevalence Inc			
9.				4 - Morphological			
10				data in Remark			
Woody Vine Stratum (Plot size: 30'	70 =	=Total Cover		Problematic Hydro	-		
1. None observed	_'			¹ Indicators of hydric so be present, unless dis			must
2.	- —			Hydrophytic	tui 200 5. p	101114.5.	
		=Total Cover		Vegetation			
% Bare Ground in Herb Stratum30				Present? Yes	X No		
Remarks:	١٠٠٠٠٠ ال ١٠٠٠	V - E - I - malmamA		Land ODL FACIAL and	- * 0\		
A positive indication of hydrophytic vegetation was c	bserved (>50%	or dominant	species inde	exed as OBL, FACVV, or F	-AC).		

SOIL Sampling Point: UP6

Profile Desc Depth	cription: (Describe t Matrix	o the depti		u <mark>ment th</mark> x Featur		ator or o	confirm the	absence of i	ndicators.)	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ture	Remarks	
0-16	10YR 3/1	90	5YR 5/6	10	C	PL/M	Loamy/		romano	
0-10	10113/1		311\ 3/0			F L/IVI	Loaniyi	<u>Clayey</u>		
			_							
17			De desert Matter					21 4: -	no Di Dono Linino M Matrico	
	oncentration, D=Depl					oated S	and Grains.		n: PL=Pore Lining, M=Matrix. ors for Problematic Hydric So	oilo ³ .
-	Indicators: (Applical	ole to all Li				otriv (C/	1)		•	JIIS :
— Histosol				•	Sleyed M	•	·)		n Muck (A9) (LRR I, J)	
	pipedon (A2)				Redox (St				st Prairie Redox (A16) (LRR F	, G, H)
Black Hi					Matrix (4.		k Surface (S7) (LRR G)	
	n Sulfide (A4)			-	Mucky Mi				n Plains Depressions (F16)	:
	d Layers (A5) (LRR F)				Sleyed M		2)		LRR H outside of MLRA 72 8	k 73)
	ıck (A9) (LRR F, G, H			•	d Matrix (` '			luced Vertic (F18)	
	d Below Dark Surface	(A11)			ark Surf	` '	,		Parent Material (F21)	
	ark Surface (A12)				d Dark S	•	•		y Shallow Dark Surface (F22)	
	lucky Mineral (S1)				epressio	. ,			er (Explain in Remarks)	
	Mucky Peat or Peat (S	, .	H)	•	ins Depr		,		ors of hydrophytic vegetation a	
5 cm Mu	icky Peat or Peat (S3) (LRR F)		(MLF	RA 72 & 1	73 of LF	RR H)		and hydrology must be preseness disturbed or problematic.	ıt,
Restrictive	Layer (if observed):							unic	see dictarbed of problematic.	
Type:	,									
Depth (ir	nches):						Hydric So	oil Present?	Yes X No	
										
Remarks:	dication of hydric soil	was observ	red.							
A positive in	dication of Hydric 3011	was obsciv	cu.							
HYDROLC)GY									
Wetland Hy	drology Indicators:									
Primary India	cators (minimum of or	ne is require	ed; check all that	apply)				Secondary I	ndicators (minimum of two req	uired)
Surface	Water (A1)		Salt Crust	(B11)				Surface	Soil Cracks (B6)	
High Wa	ater Table (A2)		Aquatic In	vertebrat	tes (B13))		Sparsel	y Vegetated Concave Surface	(B8)
Saturation	on (A3)		Hydrogen	Sulfide (Odor (C1)		Drainag	e Patterns (B10)	
Water M	larks (B1)		Dry-Seaso	n Water	Table (C	C2)		Oxidized	d Rhizospheres on Living Root	s (C3)
Sedimer	nt Deposits (B2)		Oxidized F	Rhizosph	eres on l	Living R	oots (C3)	(wher	e tilled)	
Drift Dep	posits (B3)		(where	not tilled	d)			Crayfish	Burrows (C8)	
Algal Ma	at or Crust (B4)		Presence	of Reduc	ced Iron	(C4)		 Saturati	on Visible on Aerial Imagery (C	29)
Iron Dep	osits (B5)		Thin Muck	Surface	(C7)			Geomor	phic Position (D2)	
 Inundation	on Visible on Aerial In	nagery (B7)	Other (Exp	lain in R	Remarks)			FAC-Ne	utral Test (D5)	
Water-S	tained Leaves (B9)							Frost-He	eave Hummocks (D7) (LRR F)	
Field Obser	vations:									
Surface Wat	er Present? Yes	3	No X	Depth (i	nches):					
Water Table		3	No X		nches):					
Saturation P		<u> </u>	No X		nches):		Wetlan	d Hydrology l	Present? Yes No	X
(includes cap					· -					
	corded Data (stream	gauge, mor	nitoring well, aeria	l photos,	, previou	s inspec	ctions), if ava	ailable:		
Remarks:										
No positive i	ndication of wetland h	ydrology w	as observed.							

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport		City/Cou	nty: Sedgwic	k	Sampling Da	te: <u>8/30</u>	/2023
Applicant/Owner: Wichita Airport Authority				State: KS	Sampling Poi	nt:	UP7
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Rar	ige: Sec. 28, T26S	, R2E		
Landform (hillside, terrace, etc.): flat		Local relief (co	oncave, conve	ex, none): none	:	Slope (%)	: 0
Subregion (LRR): LRR H, MLRA 74 Lat: 37.763	3455		Long: <u>-9</u>	7.219987	Datu	m: NAD)83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 p	ercent slopes	3		NWI clas	ssification: R5UBH	1	
Are climatic / hydrologic conditions on the site typical f	or this time c	of year?	Yes	No X (If no,	explain in Remarks	s.)	_
Are Vegetation, Soil, or Hydrology	significantly of	disturbed? F	Are "Normal C	ircumstances" presei	nt? Yes X	No	_
Are Vegetation, Soil, or Hydrology	naturally prol	plematic? (If needed, exp	olain any answers in I	Remarks.)		_
SUMMARY OF FINDINGS – Attach site m	ap showir	ng samplin	g point loc	cations, transec	ts, important f	eatures	, etc.
Hydrophytic Vegetation Present? Yes N	o_X_	Is the	e Sampled Ar	ea			
Hydric Soil Present? Yes N	0	withi	n a Wetland?	Yes	NoX		
Wetland Hydrology Present? Yes N	o_X_						
Remarks:	to the le	I f level romby	totion	· · · · · · · · · · · · · · · · · · ·	Colle ware not		واجلا ا
This point was determined not to be within a wetland observation point. According to the APT results, the						excavated	at this
VEGETATION – Use scientific names of p				<u> </u>			
VEGETATION - 03c 3cicitatic names of p	Absolute	Dominant	Indicator				
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test v	worksheet:		
1. None observed				Number of Domina	'	•	(4)
2. 3.				Are OBL, FACW, o	_	0	- ^(A)
4.				Total Number of Do	ominant Species	3	(B)
		=Total Cover		Percent of Domina	nt Species That		-(")
Sapling/Shrub Stratum (Plot size: 15')			Are OBL, FACW, of		0.0%	_(A/B)
Maclura pomifera	20	Yes	FACU				
2. Ulmus pumila	15	Yes	UPL	Prevalence Index			
3				Total % Cover of:	Multiply		
4 5.				OBL species FACW species	0 x1 = 0 x2 = 0	0	-
5	35	=Total Cover		FAC species	$\frac{0}{0}$ $x^2 = -$	0	-
Herb Stratum (Plot size: 5')				FACU species	40 x 4 =	160	_
1. Bromus inermis	90	Yes	UPL	UPL species	105 x 5 =	525	_
2. Ambrosia psilostachya	10	No	FACU	Column Totals:	145 (A)	685	_(B)
3. Euphorbia marginata	10	No	FACU	Prevalence Index	= B/A =	4.72	_
4 5.			—— <u> </u>	Hydrophytic Vege	station Indicators:		
					for Hydrophytic Ve		
7.				2 - Dominance		90.4	
8.				3 - Prevalence			
9.					cal Adaptations ¹ (P		
10					arks or on a separ		
(D) () (D) () (D)	110	=Total Cover			ydrophytic Vegetati	, ,	
Woody Vine Stratum (Plot size: 30' 1. None observed)			¹ Indicators of hydri			must
2.			——	be present, unless	disturbed of proble	танс.	
		=Total Cover		Hydrophytic Vegetation			
% Bare Ground in Herb Stratum0					es No _	X	
Remarks:							
No positive indication of hydrophytic vegetation was o	observed (≥50	ጋ% of dominar	nt species inde	exed as FAC- or drie	er).		

SOIL Sampling Point: UP7

Profile Desc Depth	cription: (Describ Matrix			<mark>cument tl</mark> lox Featur		itor or c	onfirm the abser	nce of indicators	s.)	
(inches)	Color (moist)	<u> </u>	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
(Inches)	Color (Illoist)		Color (Illoist)		Туре	LOC	rexture		Remarks	
l										
l										
	•									_
¹ Type: C=C	oncentration, D=D	epletion. RM=F	Reduced Matrix.	CS=Cove	ered or C	oated Sa	and Grains.	Location: PL=P	ore Linina. M=I	Matrix.
	Indicators: (Appli	·						ndicators for P		
Histosol		ouble to all El	tito, unicoo oti		Sleyed Ma	atrix (S4)			49) (LRR I, J)	
	pipedon (A2)			_	Redox (S5		'		Redox (A16) (I DD E C LI
							-		(S7) (LRR G)	
Black Hi				_	Matrix (S		_		Depressions (F	
	n Sulfide (A4)			_	Mucky Mi		-			•
	d Layers (A5) (LRF	•		_	Gleyed M)	•	utside of MLR	(A /2 & /3)
	ick (A9) (LRR F, G				d Matrix (-	Reduced Ver	,	
	Below Dark Surfa	ace (A11)		_	Dark Surfa				Material (F21)	(500)
	ark Surface (A12)			_	d Dark Su		⁽⁾		Dark Surface	, ,
	lucky Mineral (S1)		—	_	Depressio	. ,	(=40)		in in Remarks)	
	/lucky Peat or Pea		н)	_	ains Depr			Indicators of hyd		
5 cm ML	ıcky Peat or Peat (S3) (LRR F)		(MLF	RA 72 & 7	73 of LR	R H)		ology must be bed or problem	
Restrictive	Layer (if observed	d):								
Type:										
Depth (in	nches):		_				Hydric Soil Pre	sent?	Yes	No
Remarks:										
	ot excavated at thi	s observation r	ooint							
HYDROLC	GY									
Wetland Hy	drology Indicator	s:								
Primary India	cators (minimum o	f one is require	d; check all tha	t apply)			Seco	ondary Indicators	(minimum of t	wo required)
Surface	Water (A1)		Salt Crus	st (B11)				Surface Soil Crad	cks (B6)	
High Wa	iter Table (A2)		Aquatic I	nvertebra	tes (B13)		—	Sparsely Vegetat	ed Concave S	urface (B8)
Saturation			Hydroger	n Sulfide (Odor (C1)		Drainage Pattern	s (B10)	
Water M	larks (B1)		Dry-Seas	son Water	Table (C	(2)		Oxidized Rhizosp	heres on Livin	g Roots (C3)
_	nt Deposits (B2)			Rhizosph			oots (C3)	(where tilled)		. ,
	posits (B3)			not tilled		Ü		Crayfish Burrows	(C8)	
	at or Crust (B4)		•	e of Redu	,	(C4)		Saturation Visible		gery (C9)
I — ·	osits (B5)			k Surface		,		Geomorphic Pos		0 , (,
I — ·	on Visible on Aeria	I Imagery (B7)		xplain in F				FAC-Neutral Tes		
I —	tained Leaves (B9	0, , ,		φ	,			Frost-Heave Hun	` '	RR F)
Field Obser	,	/					<u></u>		(= : / (=	
Surface Wat		Yes	No X	Donth (i	nches):					
Water Table		Yes	No X		inches): _					
Saturation P		Yes	No X	Depth (i	inches): _		Wetland Hydr	ology Present?	Yes	No X
			NO_X_	Deptii (i	_		vvetiana riyai	ology Fresent:		NOX
(includes car	corded Data (strea	ım galiga mas	itoring well cor	ial photos	provious	inenect	ions) if available:			
Describe Ke	corucu Data (Střež	ııı yauye, mon	noming well, aeri	iai priotos	, previous	s mspect	ions), ii avallable:			
Remarks:										
	ndication of wetlan	d hydrology wa	as observed.							
		. 0,								

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

, 1 1							
Project/Site: Colonel James Jabara Airport		City/Cou	nty: Sedgwi	ck	Sampling Da	ate: <u>8/30</u>	/2023
Applicant/Owner: Wichita Airport Authority				State: KS	Sampling Po	oint:	W6
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ra	nge: Sec. 21, T26S, R2	E		
Landform (hillside, terrace, etc.): depression	L	 .ocal relief (co	oncave, conv	ex, none): concave		Slope (%):	: 5
Subregion (LRR): LRR H, MLRA 74 Lat: 37.70	67162		Long:9	97.223482	Dati	ım: NAD	83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3	percent slopes			NWI classifi	cation: PEM1	F	
Are climatic / hydrologic conditions on the site typical	for this time of	year?	Yes	No X (If no, exp	ain in Remark	s.)	
Are Vegetation, Soil, or Hydrology	significantly di	sturbed? A	re "Normal C	Circumstances" present?	Yes X	No	
Are Vegetation, Soil, or Hydrology	_		If needed, ex	plain any answers in Rem	arks.)		_
SUMMARY OF FINDINGS – Attach site n	_		g point lo	cations, transects,	important t	features,	, etc.
Hydrophytic Vegetation Present? Yes X	No	Is the	Sampled A	rea			
	No	1	n a Wetland		No		
	No						
Remarks:							
This point was determined to be within a wetland du	e to the present	ce of all 3 we	tland criteria.	According to the APT res	sults, the area	was under	drier
than normal conditions during the site visit.							
VEGETATION – Use scientific names of	-	Danimant	In dia at an				
Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worl	sheet:		
1. Salix nigra	20	Yes	FACW	Number of Dominant S			
2.				Are OBL, FACW, or FA	•	4	_(A)
3.				Total Number of Domi	nant Species		
4		Tatal Cavan		Across All Strata:		4	– ^(B)
Sapling/Shrub Stratum (Plot size: 15'	=	Total Cover		Percent of Dominant S Are OBL, FACW, or FA	•	100.0%	(A/R)
1. Salix nigra	- [/] 20	Yes	FACW	AIC OBE, I AOW, OI I A		100.070	_(//(D)
2.				Prevalence Index wo	rksheet:		
3.				Total % Cover of:	Multip	y by:	
4				OBL species 80		80	_
5		Tatal Cavar		FACW species 40		80	-
Herb Stratum (Plot size: 5')		Total Cover		FAC species 20 FACU species 0		60 0	-
1. Typha angustifolia	80	Yes	OBL	UPL species 0		0	-
2. Iva annua	20	Yes	FAC	Column Totals: 14	0 (A)	220	_ (B)
3.				Prevalence Index = B/	A =	1.57	_
4.							
5. 6.				Hydrophytic Vegetati			
				1 - Rapid Test for X 2 - Dominance Tes		egetation	
7. 8.				X 3 - Prevalence Ind			
9.				4 - Morphological /	Adaptations ¹ (I		
10				data in Remarks	or on a sepa	rate sheet)	
		Total Cover		Problematic Hydro	phytic Vegeta	tion ¹ (Expla	ain)
Woody Vine Stratum (Plot size: 30'	_)			¹ Indicators of hydric so			must
1. None observed 2.				be present, unless dist	urbed or probl	ematic.	
		Total Cover		Hydrophytic Vegetation			
% Bare Ground in Herb Stratum 0				Present? Yes	X No		
Remarks:							
A positive indication of hydrophytic vegetation was o	observed (>50%	of dominant	species inde	exed as OBL, FACW, or F	AC).		

SOIL Sampling Point: W6

Profile Desc Depth	ription: (Describe t	o the depth		ument th		tor or c	onfirm the	absence of	indicators.)		
(inches)	Color (moist)	<u></u> %	Color (moist)	% ************************************	Type ¹	Loc ²	Text	ıre		Remarks	
0-16	· · · · · · · · · · · · · · · · · · ·	95	2.5YR 4/8	5	C	M	Loamy/0		Prominent re		ntrations
0-10	5YR 2.5/1	_95	2.511 4/0			IVI	Loaniy/C	<u>Jiayey</u>	Prominent	edox conce	Hillations
¹ Type: C=Co	oncentration, D=Depl	etion, RM=F	Reduced Matrix, (CS=Cove	ered or Co	oated Sa	and Grains.	² Locati	on: PL=Pore I	Lining, M=N	latrix.
-	Indicators: (Applica	ble to all LF	RRs, unless oth	erwise n	oted.)			Indicat	ors for Proble	ematic Hyd	lric Soils ³ :
Histosol	(A1)			Sandy G	Bleyed Ma	atrix (S4)	1 c	m Muck (A9) ((LRR I, J)	
Histic Ep	pipedon (A2)			Sandy R	Redox (S5	5)		Co	ast Prairie Red	I) (61A) xob	LRR F, G, H)
Black His	stic (A3)			Stripped	Matrix (S	66)		Da	rk Surface (S7	') (LRR G)	
	n Sulfide (A4)			-	∕lucky Mi				ıh Plains Depr		
	Layers (A5) (LRR F			-	Gleyed M		2)		(LRR H outsi		A 72 & 73)
	ck (A9) (LRR F, G, H				d Matrix (,			duced Vertic (,	
	Below Dark Surface	(A11)	<u>X</u>		ark Surfa	` '			d Parent Mate		
	ark Surface (A12)				d Dark Sι	•	-7)		ry Shallow Dai		F22)
	lucky Mineral (S1)	20) // DD 0	_		epressio		(540)		ner (Explain in	,	£
	Mucky Peat or Peat (S	, .	——	•	ins Depre		,		tors of hydroph tland hydrolog		
5 CIII IVIU	cky Peat or Peat (S3) (LKK F)		(IVIL	RA 72 & 7	3 01 LK	ж п)		ess disturbed		
Restrictive I	_ayer (if observed):										
Type: _			_								
Depth (ir	nches):						Hydric So	il Present?	`	Yes X	No
Remarks:											
Soil sample	was taken in area sul	oject to pond	ling. A positive ir	ndication	of hydric	soil was	s observed.				
HYDROLO	GY										
Wetland Hyd	drology Indicators:										
_	cators (minimum of o	ne is require	d; check all that	apply)				Secondary	Indicators (mi	nimum of tv	vo required)
Surface	Water (A1)		Salt Crust	(B11)				Surface	e Soil Cracks ((B6)	
High Wa	ter Table (A2)		Aquatic In	vertebrat	tes (B13)			Sparse	ly Vegetated 0	Concave Su	ırface (B8)
Saturatio	on (A3)		Hydrogen	Sulfide (Odor (C1))		Draina	ge Patterns (B	10)	
Water M	arks (B1)		Dry-Seaso	on Water	Table (C	(2)		Oxidize	d Rhizosphere	es on Living	Roots (C3)
	t Deposits (B2)		Oxidized F			iving R	oots (C3)	(whe	re tilled)		
	oosits (B3)		•	not tilled	,				h Burrows (C8		
	t or Crust (B4)		Presence			C4)			ion Visible on	_	gery (C9)
	osits (B5)		Thin Muck						rphic Position		
	on Visible on Aerial Ir	nagery (B7)	Other (Exp	olain in R	(emarks				eutral Test (D5		
X Water-S	tained Leaves (B9)							Frost-F	leave Hummo	cks (D7) (L l	RR F)
Field Obser											
Surface Wat		s	No X		nches): _						
Water Table		s	No X	Depth (i	nches): _		,, , ,, ,		5 (0.)		
Saturation P		s	No X	⊔epth (i	nches):		vvetland	Hydrology	Present?	Yes X	No
(includes cap		GOLIGO :	itoring well ===	d photo-	provident	inar-	tions\ if =::-	ilable:			
Describe Re	corded Data (stream	gauge, mon	itoring well, aerla	ıı priotos	, previous	ınspec	uons), if avai	iiabie:			
Remarks:											
A positive inc	dication of wetland hy	drology was	observed (at lea	ast one p	rimary in	dicator).					

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colone	el James Jabara Airport		City/Cou	nty: Sedgwi	ck	Sa	impling Date	e: <u>8/30/</u>	/2023
Applicant/Owner:	Wichita Airport Authority				State:K	S Sa	mpling Poin	t:l	JP8
Investigator(s): John	n Allison & Shane Manion		Section, 7	ownship, Ra	nge: Sec. 21, T2	6S, R2E			
Landform (hillside, t	errace, etc.): flat		Local relief (c	oncave, conv	vex, none): none		s	lope (%):	: 0
Subregion (LRR):	LRR H, MLRA 74 Lat: <u>37.</u>	767101		Long:	97.223510		Datum	n: NAD	83
Soil Map Unit Name	e: 3911: Rosehill silty clay, 1 to 3	3 percent slope	s		NWI	classificatio	n: PEM1F		
Are climatic / hydrol	ogic conditions on the site typic	al for this time	of year?	Yes	No X (If r	າວ, explain i	n Remarks.)	
Are Vegetation	_, Soil, or Hydrology	significantly	disturbed? A		Circumstances" pre				
	, Soil, or Hydrology				plain any answers				_
	FINDINGS – Attach site			g point lo	cations, transe	ects, imp	ortant fe	atures,	, etc.
Hydrophytic Vegeta	ation Present? Yes	No X	Is the	e Sampled A	rea				
Hydric Soil Present		No X	I	n a Wetland			No X		
Wetland Hydrology		No X							
Remarks:			•						
	ermined not to be within a wetland conditions during the site visit.	nd due to the la	ack of all three	wetland crite	ria. According to th	e APT resu	Its, the area	was und	ler
	- Use scientific names o	of plants							
720217(110)(Absolute	Dominant	Indicator	<u> </u>				
Tree Stratum	(Plot size:)	% Cover	Species?	Status	Dominance Tes	st workshe	et:		
None observed					Number of Dom		es That		
2.					Are OBL, FACV			1	_ ^(A)
3.		_			Total Number of Across All Strate		Species	2	(B)
T		_	=Total Cover		Percent of Dom		as That		- (D)
Sapling/Shrub Stra	tum (Plot size: 15')	-		Are OBL, FACV		es mai	50.0%	(A/B)
None observed	· · · · · · · · · · · · · · · · · · ·	— ′			,		_		_` ′
2.		_			Prevalence Ind	ex worksh	eet:		
3					Total % Cover of	of:	Multiply	by:	
4					OBL species	0	_ x1=	0	_
5		_			FACW species		_ x2=_	0	_
Harb Stratum	(Diet eize: 5')		=Total Cover		FAC species	30	- x3= x4=	90	_
Herb Stratum 1. Bromus inermis	(Plot size:5')	70	Yes	UPL	FACU species UPL species	70	- x4	350	-
2. Ambrosia trifida		30	Yes	FAC	Column Totals:		- (A) —	560	– (B)
3. Helianthus max		15	No	FACU	Prevalence Inde		- ` ′ —	.31	-` ′
4. Carduus nutans	S	15	No	FACU					_
5.					Hydrophytic Ve	getation Ir	ndicators:		
6					1 - Rapid Te	est for Hydr	ophytic Veg	etation	
7					2 - Dominar	nce Test is	>50%		
8					3 - Prevaler				
			- ——		4 - Morphol		otations" (Pro on a separat		
10			T-1-1-0						
Woody Vine Stratu	ım (Plot size: 30'	130	=Total Cover		Problemation		•		,
None observed					¹ Indicators of hy be present, unle				must
2.						33 distuibe	u or problem	iatio.	
			=Total Cover		Hydrophytic Vegetation				
% Bare Ground in	Herb Stratum 0		-		Present?	Yes	No	X	
Remarks:					•				
No positive indicati	on of hydrophytic vegetation wa	as observed (≥5	60% of dominar	nt species inc	dexed as FAC- or o	drier).			

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport	City/County: Sedgwic	k	Sampling Date:	8/30/2023
Applicant/Owner: Wichita Airport Authority		State: KS	Sampling Point:	W7
Investigator(s): John Allison & Shane Manion	Section, Township, Ran	ige: Sec. 21, T26S, R2E	≣	
Landform (hillside, terrace, etc.): depression	Local relief (concave, conve	ex, none): concave	Slope	e (%):5
Subregion (LRR): LRR H, MLRA 74 Lat: 37.7687	738 Long: <u>-9</u>	7.223137	Datum:	NAD83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 per	cent slopes	NWI classific	cation: R4SBC	
Are climatic / hydrologic conditions on the site typical for	r this time of year? Yes	No X (If no, expla	ain in Remarks.)	
Are Vegetation, Soil, or Hydrologysi	gnificantly disturbed? Are "Normal C	ircumstances" present?	Yes X No	
Are Vegetation, Soil, or Hydrology na	aturally problematic? (If needed, exp	olain any answers in Rema	arks.)	
SUMMARY OF FINDINGS – Attach site ma	p showing sampling point loc	ations, transects, i	mportant featu	ıres, etc.
Hydrophytic Vegetation Present? Yes X No	Is the Sampled Ar	ea		
	within a Wetland?		No	
Wetland Hydrology Present? Yes X No				
Remarks: This point was determined to be within a wetland due to than normal conditions during the site visit.	·	According to the APT res	ults, the area was ι	under drier
VEGETATION – Use scientific names of plants	ants. Absolute Dominant Indicator I			
<u>Tree Stratum</u> (Plot size: 30')	% Cover Species? Status	Dominance Test work	sheet:	
None observed		Number of Dominant S	pecies That	
2		Are OBL, FACW, or FA	·C:	1(A)
3.		Total Number of Domin Across All Strata:	•	1 (B)
4	=Total Cover			1(B)
Sapling/Shrub Stratum (Plot size: 15') 1. None observed		Percent of Dominant Spare OBL, FACW, or FA		0.0% (A/B)
2.		Prevalence Index wor	ksheet:	
3		Total % Cover of:	Multiply by:	
4		OBL species 100		00
5	=Total Cover	FACW species 0 FAC species 0		0
Herb Stratum (Plot size: 5')		FACU species 0		0
Typha angustifolia	100 Yes OBL	UPL species 0		0
2.		Column Totals: 100	(A) 10	00 (B)
3.		Prevalence Index = B/A	A = 1.00	
4				
5		Hydrophytic Vegetatio		· · · ·
6.		1 - Rapid Test for H		lion
7 8.		X 2 - Dominance Tes X 3 - Prevalence Inde		
9.		4 - Morphological A		le supportina
10.			or on a separate s	
	100 =Total Cover	Problematic Hydrop	phytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size: 30') 1. None observed		¹ Indicators of hydric soi be present, unless distu	•	0,
2		Hydrophytic		
% Bare Ground in Herb Stratum 0	=Total Cover	Vegetation Present? Yes _	X No	
Remarks: A positive indication of hydrophytic vegetation was obse	erved (>50% of dominant species inde	ked as OBL, FACW, or Fi	AC).	
, , , , , , , , , , , , , , , , , , , ,	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	

SOIL Sampling Point: W7

Depth	cription: (Describe to Matrix	aept		x Featur	es		onfirm the a	osence c	or indicators	5.)	
(inches)	Color (moist)	<u></u> %	Color (moist)	%_	Type ¹	Loc ²	Textu	re		Remarks	
0-16	5YR 2.5/1	85	2.5YR 4/8	15	C	PL/M	Loamy/C	layey	Promine	ent redox conce	entrations
							-				
¹ Type: C=C	oncentration, D=Depl	etion RM=	Reduced Matrix (S=Cove	red or C	oated Sa	and Grains	² l oca	ation: PI =Po	ore Lining, M=I	Matrix
	Indicators: (Applica					outou oc	and Oramo.			oblematic Hy	
Histosol					,	atrix (S4))			49) (LRR I, J)	
	pipedon (A2)			-	edox (S		,			Redox (A16) (LRR F, G, H
	istic (A3)				Matrix ((S7) (LRR G)	
Hydroge	en Sulfide (A4)			Loamy N	/lucky Mi	neral (F1	1)	<u> </u>	ligh Plains D	epressions (F	16)
Stratifie	d Layers (A5) (LRR F)		Loamy C	Sleyed M	atrix (F2	2)		(LRR H o	utside of MLR	A 72 & 73)
1 cm Mu	uck (A9) (LRR F, G, F	ł)			d Matrix (,		F	Reduced Ver	tic (F18)	
	d Below Dark Surface	e (A11)			ark Surf	, ,				faterial (F21)	
	ark Surface (A12)			•		urface (F	-7)		-	Dark Surface	
	/lucky Mineral (S1) Mucky Peat or Peat (S	22) /I DD C			epressio	essions	(E16)			n in Remarks) rophytic vegeta	
	ucky Peat or Peat (S3	, .	, n) <u> </u>	-		73 of LR	, ,			ology must be	
	doky i cat of i cat (oc	, (LIXIT)		(11121		O OI LIK			-	oed or problem	•
Restrictive	Layer (if observed):										
Type:											
Depth (i	nches):						Hydric Soil	Present	?	Yes X	No
Remarks:											
Soil sample	was taken in area su	bject to pon	ding. A positive in	dication	of hydric	soil was	s observed.				
HYDROLO	OGY										
Wetland Hy	drology Indicators:										
_	cators (minimum of o	ne is requir	ed; check all that	apply)				Secondar	y Indicators	(minimum of t	wo required)
Surface	Water (A1)		Salt Crust	(B11)			_	X Surfa	ice Soil Crac	ks (B6)	
	ater Table (A2)		Aquatic In				_			ed Concave Si	urface (B8)
Saturation			Hydrogen				_		age Patterns		
	Marks (B1)		Dry-Seaso		,	,				heres on Livin	g Roots (C3)
	nt Deposits (B2)		Oxidized F			Living Ro	oots (C3)		nere tilled)	(C9)	
	posits (B3) at or Crust (B4)		(where resence			(C4)	-		ish Burrows	on Aerial Ima	dery (C9)
	posits (B5)		Thin Muck			(04)	-		norphic Posi		gery (Ca)
	on Visible on Aerial Ir	magery (B7			. ,		-		Neutral Test		
	Stained Leaves (B9)	3 7 ()			,		-			mocks (D7) (L	RR F)
Field Obser							<u> </u>			. , ,	<u> </u>
Surface Wat	ter Present? Ye	S	No X	Depth (i	nches):						
Water Table	Present? Ye	s			nches):						
Saturation P	resent? Ye	s	NoX	Depth (i	nches): _		Wetland	Hydrolog	y Present?	Yes X	No
	pillary fringe)										
Describe Re	ecorded Data (stream	gauge, moi	nitoring well, aeria	I photos,	previou	s inspect	tions), if availa	able:			
Remarks:											
	dication of wetland hy	/drologv wa	s observed (at lea	st one p	rimarv in	dicator).					
,	,	3, 1-1	,	r	,	,-					

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport		City/Cour	nty: Sedgwic	k	Sampling Date:	8/30/2023
Applicant/Owner: Wichita Airport Authority				State: KS	_ Sampling Point:	: <u>UP9</u>
Investigator(s): John Allison & Shane Manion		Section, T	ownship, Ran	nge: Sec. 21, T26S,	R2E	
Landform (hillside, terrace, etc.): hillside		Local relief (co	oncave, conve	ex, none): slope	Slo	ope (%):5
Subregion (LRR): LRR H, MLRA 74 Lat: 37.768	3717		Long: <u>-9</u>	7.223192	Datum:	NAD83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 pe	ercent slopes	3		NWI class	sification: R4SBC	
Are climatic / hydrologic conditions on the site typical for	or this time c	of year?	Yes	No X (If no, e	xplain in Remarks.)	
Are Vegetation, Soil, or Hydrology	significantly	disturbed? A	re "Normal Ci	ircumstances" present	:? Yes <u>X</u> N	No
Are Vegetation, Soil, or Hydrology	naturally prol	blematic? (I	f needed, exp	olain any answers in R	emarks.)	
SUMMARY OF FINDINGS – Attach site ma	ap showir	ng samplin	g point loc	ations, transects	s, important fea	itures, etc.
Hydrophytic Vegetation Present? Yes No	o X	Is the	Sampled Ar	rea		
	0	I	n a Wetland?		NoX	
	o X					
Remarks:						
This point was determined not to be within a wetland of the area was under drier than normal conditions durin			tic vegetation	and wetland hydrolog	y. According to the A	APT results,
 VEGETATION – Use scientific names of p						
	Absolute	Dominant	Indicator			
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test w	orksheet:	
1. None observed				Number of Dominan	•	ο (Δ)
2. 3.				Are OBL, FACW, or		0 (A)
4.				Total Number of Doi Across All Strata:	minant Species	1 (B)
T		=Total Cover		Percent of Dominan	t Species That	
Sapling/Shrub Stratum (Plot size: 15')			Are OBL, FACW, or		0.0% (A/B)
1. None observed						
2.				Prevalence Index v		
3				Total % Cover of:	Multiply b	
4 5.				OBL species FACW species	0 x 1 =	0 0
5		=Total Cover		FAC species	0 x2= 0 x3=	0
Herb Stratum (Plot size: 5')		1010. 00		FACU species	50 x 4 =	200
1. Bromus inermis	70	Yes	UPL	UPL species	70 x 5 =	350
2. Ambrosia psilostachya	15	No	FACU	Column Totals:	120 (A)	550 (B)
3. Helianthus maximiliani	15	No	FACU	Prevalence Index =	B/A = 4.5	58
4. Helianthus annuus	10	No	FACU			
5. <u>Desmanthus illinoensis</u>	10	No	FACU	Hydrophytic Vegeta		
6.					or Hydrophytic Vege	tation
7.				2 - Dominance		
8. 9.				3 - Prevalence I	ndex is ≤3.0° al Adaptations¹ (Prov	vide cupporting
9. 10.					ai Adaptations (Prov irks or on a separate	
10	120	=Total Cover			drophytic Vegetation	
Woody Vine Stratum (Plot size: 30')			¹ Indicators of hydric		
None observed				be present, unless d		
2.				Hydrophytic		
		=Total Cover		Vegetation		
% Bare Ground in Herb Stratum 0				Present? Ye	s No_X	
Remarks: No positive indication of hydrophytic vegetation was o	boomind (>5	00/ of dominar	ot anacios inde	avad as EAC- or drior	١	
No positive indication of hydrophytic vegetation was o	bserved (≥50	J% of dominan	it species inde	exed as FAC- of diler).	

SOIL Sampling Point: UP9

	cription: (Describe t	o the depth				tor or o	confirm the a	absence of	indicators.)		
Depth	Matrix			ox Featur	- 4	1 - 2	T 4.			Damada	
(inches)	Color (moist)	<u> </u>	Color (moist)		Type '	Loc ²	Textu			Remarks	
0-16	5YR 2.5/1	85	2.5YR 4/8	15	<u>C</u>	M_	Loamy/0	Clayey			
-											
17			and an and Marketine			0	1 0	21	: DI D	- 1 in in M. N.	La facilità di
	oncentration, D=Depl Indicators: (Applica					pated S	and Grains.			e Lining, M=N blematic Hyd	•
Histosol		DIE IO AII LN	iks, uilless otti	Sandy G		atriv (SA	1)		cm Muck (A9	-	ilic Solis .
	pipedon (A2)			Sandy R			')			Redox (A16) (I	DD E C U
	istic (A3)			Stripped	•	,				S7) (LRR G)	-KK F, G, H)
	en Sulfide (A4)			Loamy N	•	,	1)			pressions (F1	6)
	d Layers (A5) (LRR F	١		Loamy C	•	,	,	<u> </u>	-	side of MLR	•
	uck (A9) (LRR F, G, F			Depleted			-/	R	educed Vertice		112 (10)
_	d Below Dark Surface		X	Redox D	,	,)		ed Parent Ma	` '	
	ark Surface (A12)	(****)		Depleted		, ,				Dark Surface (F22)
	/lucky Mineral (S1)		X	Redox D			,		-	in Remarks)	,
	Mucky Peat or Peat (S	S2) (LRR G ,		- High Pla			(F16)			phytic vegeta	tion and
	ucky Peat or Peat (S3	, .	<i></i>		A 72 & 7		, ,		-	ogy must be p	
	·	, , ,		•			•	ur	nless disturbe	ed or problema	atic.
Restrictive	Layer (if observed):										
Type:			_								
Depth (i	nches):		_				Hydric So	il Present?	•	Yes X	No
Remarks:											
A positive in	dication of hydric soil	was observe	ed.								
LIVEROLO	207										
HYDROLO											
	drology Indicators: cators (minimum of o	no is roquiro	d: chock all that	apply)				Socondon	/Indicators /r	minimum of tv	o required)
	Water (A1)	ne is require	Salt Crus						e Soil Crack		<i>to</i> required)
	ater Table (A2)		Aquatic Ir		oc (R13)					d Concave Su	rface (B8)
Saturati			Hydrogen		. ,				ige Patterns		nace (Do)
	Marks (B1)		Dry-Seas						•	eres on Living	Roots (C3)
_	nt Deposits (B2)		Oxidized				oots (C3)		ere tilled)	Cros on Living	110013 (00)
	posits (B3)			not tilled		-ivilig i v	0010 (00)	•	sh Burrows ((C8)	
	at or Crust (B4)		Presence		,	C4)				on Aerial Imag	erv (C9)
	posits (B5)		Thin Mucl			. ,			orphic Position	_	(00)
I —	on Visible on Aerial Ir	nagery (B7)	Other (Ex						leutral Test (
	Stained Leaves (B9)	3) ()		•	,					nocks (D7) (L	RR F)
Field Obser	vations:									. , ,	,
Surface Wat		S	No X	Depth (ii	nches):						
Water Table		s ——	No X	Depth (ii							
Saturation P		s	No X		nches): _		Wetland	Hydrology	/ Present?	Yes	No X
	pillary fringe)										
	corded Data (stream	gauge, moni	toring well, aeria	al photos,	previous	inspec	tions), if avai	ilable:			
Dawie											
Remarks:	indication of wetland h	nydrology wa	s observed								
140 00311146 1	a.oddoir or weddidid i	., arology wa	o obool vou.								

See ERDC/EL TR-10-1; the proponent agency is CECW-CO-R

Project/Site: Colonel James Jabara Airport	City/County: Se	dgwick	Sampling Date: 8/30/2023
Applicant/Owner: Wichita Airport Authority		State: KS	Sampling Point: UP10
Investigator(s): John Allison & Shane Manion	Section, Township	o, Range: <u>Sec. 21, T26S, R2E</u>	<u> </u>
Landform (hillside, terrace, etc.): flat	Local relief (concave,	convex, none): none	Slope (%): 0
Subregion (LRR): LRR H, MLRA 74 Lat: 37.77020	07 Lon	g: <u>-97.223517</u>	Datum: NAD83
Soil Map Unit Name: 3911: Rosehill silty clay, 1 to 3 per	cent slopes	NWI classific	ation: NA
Are climatic / hydrologic conditions on the site typical for	this time of year? Yes	NoX (If no, expla	ain in Remarks.)
Are Vegetation, Soil, or Hydrologysignature.	gnificantly disturbed? Are "Nor	mal Circumstances" present?	Yes X No
Are Vegetation, Soil, or Hydrologyna	iturally problematic? (If neede	d, explain any answers in Rema	arks.)
SUMMARY OF FINDINGS – Attach site map	showing sampling poin	t locations, transects, i	mportant features, etc.
Hydrophytic Vegetation Present? Yes No	X Is the Sampl	ed Area	
	within a Wet		No X
Wetland Hydrology Present? Yes No	<u>X</u>		
Remarks: This point was determined not to be within a wetland du	up to the leak of hydrophytic years	tation and watland hydrology.	According to the APT regults
the area was under drier than normal conditions during			
VEGETATION – Use scientific names of pla	ants.		
	Absolute Dominant Indicat	tor	
Tree Stratum (Plot size: 30')	% Cover Species? Statu	S Dominance Test work	sheet:
1. None observed 2.		Number of Dominant Space OBL, FACW, or FA	
3.		Total Number of Domin	```
4.		Across All Strata:	3 (B)
	=Total Cover	Percent of Dominant Sp	pecies That
Sapling/Shrub Stratum (Plot size: 15')		Are OBL, FACW, or FA	C: <u>66.7%</u> (A/B)
Fraxinus pennsylvanica 2.	80 Yes FAC	Prevalence Index work	kshoot:
3.		Total % Cover of:	Multiply by:
4.		OBL species 0	x 1 =0
5.		FACW species 0	x 2 = 0
<u> </u>	80 =Total Cover	FAC species 90	
Herb Stratum (Plot size: 5') 1. Symphoricarpos orbiculatus	40 Yes FACU	J FACU species 40 UPL species 0	$\begin{array}{ccc} & x 4 = & 160 \\ x 5 = & 0 \end{array}$
2. Elymus virginicus	10 Yes FAC	_	
3.		Prevalence Index = B/A	````
4.			
5		Hydrophytic Vegetatio	
6		_ '	lydrophytic Vegetation
7. 8.		X_2 - Dominance Tes 3 - Prevalence Inde	
9.		— I —	daptations ¹ (Provide supporting
10			or on a separate sheet)
-	50 =Total Cover	Problematic Hydrop	ohytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size: 30')		1	l and wetland hydrology must
1. None observed 2.		be present, unless distu	irbed or problematic.
	=Total Cover	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 50		Present? Yes_	X No
Remarks:		•	
A positive indication of hydrophytic vegetation was obse	erved (>50% of dominant species	s indexed as OBL, FACW, or FA	AC).

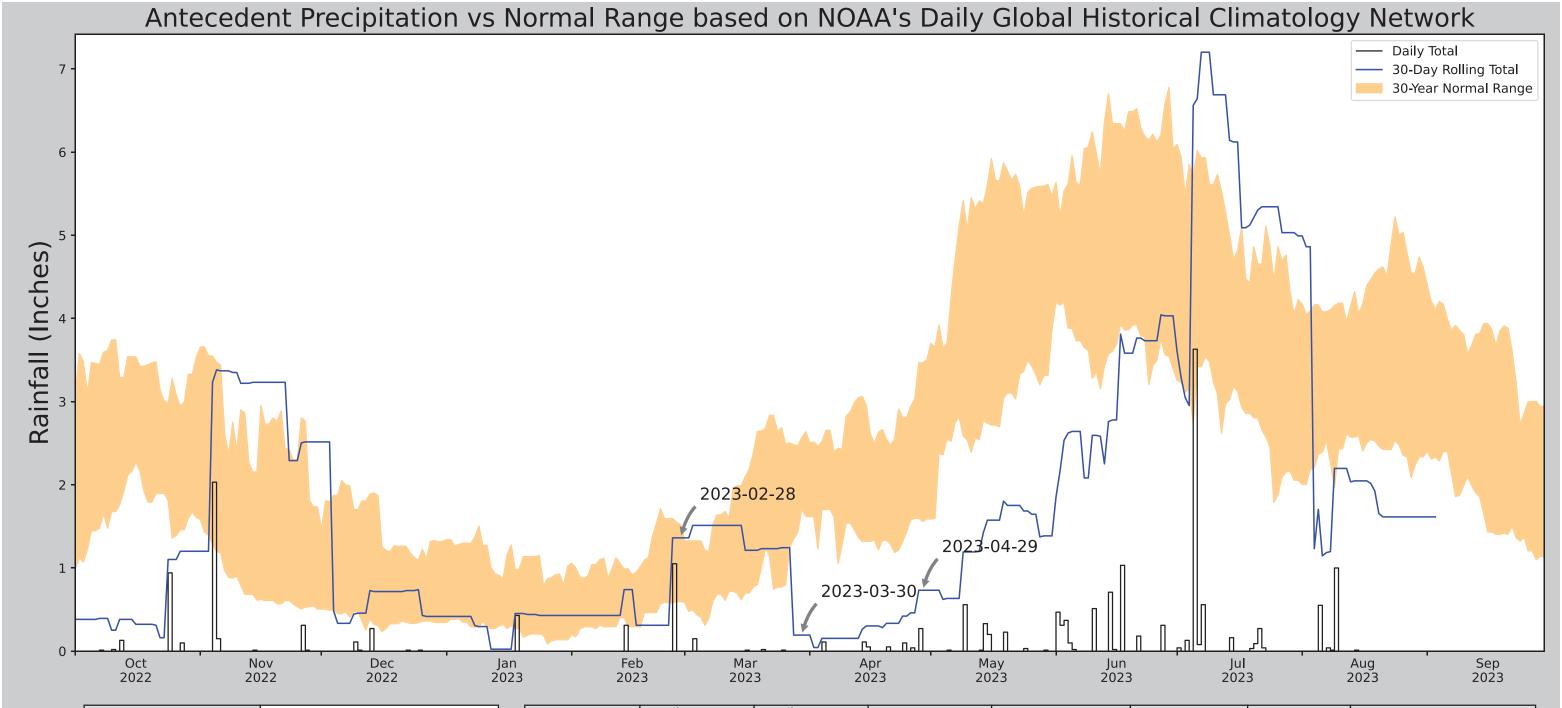
SOIL Sampling Point: UP10

Depth	cription: (Describe Matrix	to the dept		ument tr ox Featur		ator or c	confirm the a	bsence of ind	icators.)	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	re	Remarks	<u> </u>
¹ Type: C=Co	oncentration, D=Dep	letion. RM=l	Reduced Matrix.	CS=Cove	ered or C	oated S	and Grains.	² Location:	PL=Pore Lining, M	I=Matrix.
	Indicators: (Applica								s for Problematic H	•
Histosol			•		Sleyed Ma	atrix (S4	.)		Muck (A9) (LRR I, J	•
	pipedon (A2)				edox (S		•		Prairie Redox (A16	
Black His					Matrix (Surface (S7) (LRR (
Hydroge	n Sulfide (A4)			Loamy N	∕lucky Mi	ineral (F	1)	High F	Plains Depressions	(F16)
Stratified	d Layers (A5) (LRR F	·)		Loamy 0	Sleyed M	latrix (F2	2)	(LF	RR H outside of MI	LRA 72 & 73)
	ıck (A9) (LRR F, G, I				d Matrix (` '		Reduc	ced Vertic (F18)	
	d Below Dark Surface	e (A11)		•	ark Surf	` '			Parent Material (F21	,
	ark Surface (A12)				d Dark Si	,	-7)		Shallow Dark Surfac	, ,
	lucky Mineral (S1) Jucky Peat or Peat (CO) // DD C		•	epressio	` '	(F16)		(Explain in Remark	,
	nucky Peat of Peat (S icky Peat or Peat (S	, ,	, n)		ins Depr RA 72 & 7		, ,		s of hydrophytic veg nd hydrology must b	
	icky i eat of i eat (ot) (LIXIX I)		(IVILI)	CA 12 CC 1	75 OI LIV	XIX II)		s disturbed or proble	•
Restrictive I	Layer (if observed):								•	
Type:										
Depth (ir	nches):		_				Hydric Soi	I Present?	Yes	No
Remarks:										
Soils were no	ot excavated at this o	bservation	point.							
HYDROLO	OGY									
	drology Indicators:									
_	cators (minimum of c	ne is requir	ed: check all that	apply)				Secondary Ind	licators (minimum o	f two required)
-	Water (A1)	•	Salt Crust					•	oil Cracks (B6)	
	iter Table (A2)		Aquatic Ir	` '	tes (B13))		Sparsely \	/egetated Concave	Surface (B8)
Saturation	on (A3)		Hydrogen	Sulfide (Odor (C1)		Drainage I	Patterns (B10)	
Water M	larks (B1)		Dry-Seas	on Water	Table (C	C2)		Oxidized F	Rhizospheres on Liv	ring Roots (C3)
	nt Deposits (B2)		Oxidized			Living R	oots (C3)	(where		
	oosits (B3)			not tilled					Surrows (C8)	
	at or Crust (B4)		Presence			(C4)			Visible on Aerial In	nagery (C9)
	osits (B5)		Thin Mucl				•		nic Position (D2)	
	on Visible on Aerial I tained Leaves (B9)	magery (B7	Other (Ex	piain in R	(emarks				ral Test (D5) ve Hummocks (D7)	(I DD E)
	, ,						<u> </u>	ITIOSI-ITIEA	ve Hullillocks (D7)	(LKK F)
Field Observante		20	No. V	Donth (i	nohoo):					
Water Table		.s 	No X No X		nches): _ nches): _					
Saturation P		es	No X		nches):		Wetland	Hydrology Pr	esent? Yes	No X
(includes cap					′ -			, 0,		
	corded Data (stream	gauge, mor	nitoring well, aeria	al photos,	, previous	s inspec	tions), if avail	able:		
Remarks:	and the same of the same	la carlos d								
No positive ii	ndication of wetland	nydrology w	as observed.							



Colonel James Jabara Airport

Appendix D – Weather Data



Coordinates	37.764405, -97.221167
Observation Date	2023-04-29
Elevation (ft)	1391.143
Drought Index (PDSI)	Severe drought
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2023-04-29	1.55748	3.466929	0.732283	Dry	1	3	3
2023-03-30	1.711811	2.566142	0.192913	Dry	1	2	2
2023-02-28	0.597244	1.51811	1.362205	Normal	2	1	2
Result							Drier than Normal - 7



Figure and tables made by the Antecedent Precipitation Tool Version 1.0

Written by Jason Deters U.S. Army Corps of Engineers

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
WICHITA COLONEL JAMES JABARA A	37.7497, -97.2192	1403.871	1.022	12.728	0.473	8896	90
WICHITA 6.3 ENE	37.7185, -97.2352	1375.0	2.326	28.871	1.114	1	0
BEL AIRE 0.2 ESE	37.7639, -97.2651	1387.139	2.692	16.732	1.256	6	0
BEL AIRE 0.5 WSW	37.7601, -97.2766	1397.966	3.217	5.905	1.467	4	0
WICHITA 7.5 E	37.7027, -97.2067	1390.092	3.318	13.779	1.539	2	0
WICHITA 4.5 ENE	37.703, -97.2574	1373.032	3.843	30.839	1.848	5	0
WICHITA 9.0 E	37.7033, -97.1726	1333.005	4.094	70.866	2.132	1	0
WICHITA	37.6544, -97.4431	1399.934	13.899	3.937	6.309	2438	0







USDA-NRCS FORM AD-1006

Madeline Holliman

Subject: FW: Form AD-1006 for the Colonel James Jabara Airport, Wichita, Sedgwick County,

Kansas

From: Hellerich, Jeffrey - FPAC-NRCS, KS < jeffrey.hellerich@usda.gov>

Sent: Friday, November 1, 2024 2:55 PM

To: Kory Lewis < klewis@coffmanassociates.com >

Subject: Form AD-1006 for the Colonel James Jabara Airport, Wichita, Sedgwick County, Kansas

Good afternoon,

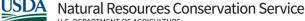
Please see the attached AD-1006, Farmland Conversion Impact Rating form pursuant to the Farmland Protection Policy Act for the project at the Colonel James Jabara Airport in Wichita, KS.

Thank you,

Jeff

Jeff Hellerich

Soil Scientist Kansas NRCS



U.S. DEPARTMENT OF AGRICULTURE

3705 Miller Parkway, Manhattan, Kansas, 66503

c: 785-210-4629

e: jeffrey.hellerich@usda.gov | w: www.nrcs.usda.gov/Kansas

Helping People Help the Land

USDA is an equal opportunity provider, employer, and lender.

This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.

F	U.S. Departmen	J		ATING					
PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request							
Name of Project Jabara Airport			Federal Agency Involved						
			County and State Sedgwick County, Kansas						
PART II (To be completed by NRCS)		Date Red NRCS	Date Request Received By			Person Completing Form: Jonathon Shaber			
Does the site contain Prime, Unique, Statew	ride or Local Important Farmland		ES NO	Acres Ir	rigated				
(If no, the FPPA does not apply - do not con	nplete additional parts of this form)			154,929)	370			
Major Crop(s)		Farmable Land In Govt. Jurisdiction			Amount of Farmland As Defined in FPPA				
Corn, Soybean, Wheat		Acres: 93.1 % 600,640			Acres: 88.5 % 571,343				
Name of Land Evaluation System Used NCCPI		Name of State or Local Site Assessment System NA			Date Land Evaluation Returned by NRCS				
PART III (To be completed by Federal Ager	псу)			Alternative Site Rating					
A. Total Acres To Be Converted Directly				Site A 95	Site B	Site C	Site D		
B. Total Acres To Be Converted Indirectly				0					
C. Total Acres In Site				95					
PART IV (To be completed by NRCS) Land	d Evaluation Information			33					
A. Total Acres Prime And Unique Farmland				0.5					
<u>'</u>	Important Farmland			0.5					
B. Total Acres Statewide Important or Local Important Farmland C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				94.5					
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value 0.009						1			
PART V (To be completed by NRCS) Land									
Relative Value of Farmland To Be Co	onverted (Scale of 0 to 100 Points	s)	T	45					
PART VI (To be completed by Federal Agel (Criteria are explained in 7 CFR 658.5 b. For 0		CBA 106)	Maximum Points	Site A	Site B	Site C	Site D		
Area In Non-urban Use	Comadi project use form NACS-	CFA-100)	(15)						
Perimeter In Non-urban Use			(10)						
Percent Of Site Being Farmed			(20)						
Protection Provided By State and Local C	Government		(20)						
5. Distance From Urban Built-up Area			(15)						
6. Distance To Urban Support Services			(15)						
7. Size Of Present Farm Unit Compared To	Average		(10)						
Creation Of Non-farmable Farmland			(10)						
9. Availability Of Farm Support Services			(5)						
10. On-Farm Investments			(20)						
11. Effects Of Conversion On Farm Support Services			(10)						
			(10)						
TOTAL SITE ASSESSMENT POINTS			160	0	0	0	0		
PART VII (To be completed by Federal A	gency)								
Relative Value Of Farmland (From Part V)			100	45	0	0	0		
Total Site Assessment (From Part VI above or local site assessment)			160	0	0	0	0		
TOTAL POINTS (Total of above 2 lines)			260	45	0	0	0		
Site Selected:	Date Of Selection			Was A Local Site Assessment Used? YES NO					
Reason For Selection:									
Name of Federal agency representative completing this form:				D	ate:				

STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM

- Step 1 Federal agencies (or Federally funded projects) involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form. For Corridor type projects, the Federal agency shall use form NRCS-CPA-106 in place of form AD-1006. The Land Evaluation and Site Assessment (LESA) process may also be accessed by visiting the FPPA website, http://fppa.nrcs.usda.gov/lesa/.
- Step 2 Originator (Federal Agency) will send one original copy of the form together with appropriate scaled maps indicating location(s)of project site(s), to the Natural Resources Conservation Service (NRCS) local Field Office or USDA Service Center and retain a copy for their files. (NRCS has offices in most counties in the U.S. The USDA Office Information Locator may be found at http://offices.usda.gov/scripts/ndISAPI.dll/oip_public/USA_map, or the offices can usually be found in the Phone Book under U.S. Government, Department of Agriculture. A list of field offices is available from the NRCS State Conservationist and State Office in each State.)
- Step 3 NRCS will, within 10 working days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland. (When a site visit or land evaluation system design is needed, NRCS will respond within 30 working days.
- Step 4 For sites where farmland covered by the FPPA will be converted by the proposed project, NRCS will complete Parts II, IV and V of the form.
- Step 5 NRCS will return the original copy of the form to the Federal agency involved in the project, and retain a file copy for NRCS records.
- Step 6 The Federal agency involved in the proposed project will complete Parts VI and VII of the form and return the form with the final selected site to the servicing NRCS office.
- Step 7 The Federal agency providing financial or technical assistance to the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA

INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM

(For Federal Agency)

Part I: When completing the "County and State" questions, list all the local governments that are responsible for local land use controls where site(s) are to be evaluated.

Part III: When completing item B (Total Acres To Be Converted Indirectly), include the following:

- 1. Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the conversion would restrict access to them or other major change in the ability to use the land for agriculture.
- 2. Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities planned build out capacity) that will cause a direct conversion.

Part VI: Do not complete Part VI using the standard format if a State or Local site assessment is used. With local and NRCS assistance, use the local Land Evaluation and Site Assessment (LESA).

- 1. Assign the maximum points for each site assessment criterion as shown in § 658.5(b) of CFR. In cases of corridor-type project such as transportation, power line and flood control, criteria #5 and #6 will not apply and will, be weighted zero, however, criterion #8 will be weighted a maximum of 25 points and criterion #11 a maximum of 25 points.
- 2. Federal agencies may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule after submitting individual agency FPPA policy for review and comment to NRCS. In all cases where other weights are assigned, relative adjustments must be made to maintain the maximum total points at 160. For project sites where the total points equal or exceed 160, consider alternative actions, as appropriate, that could reduce adverse impacts (e.g. Alternative Sites, Modifications or Mitigation).

Part VII: In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, convert the site assessment points to a base of 160. Example: if the Site Assessment maximum is 200 points, and the alternative Site "A" is rated 180 points:

$$\frac{\text{Total points assigned Site A}}{\text{Maximum points possible}} = \frac{180}{200} \text{ X } 160 = 144 \text{ points for Site A}$$

For assistance in completing this form or FPPA process, contact the local NRCS Field Office or USDA Service Center.

NRCS employees, consult the FPPA Manual and/or policy for additional instructions to complete the AD-1006 form.





CULTURAL RESOURCES & SHPO

Please contact the Kansas State Historic Preservation Office of the Kansas Historical Society with any questions at 785-272-8681 x240 or kshs.shpo@ks.gov

PROJECT DOCUMENTS

Date

2023-12-21T19:57:02Z

Subject

23-12-007 - Colonel James Jabara Airport - Non-aeronautical warehouse development

Body

23-12-007 - Colonel James Jabara Airport - Non-aeronautical warehouse development Sedgwick County

Kory Lewis

Coffman Associates

The Kansas State Historic Preservation Office has reviewed a report entitled A Cultural Resource Survey of Approximately 115 Acres for Planned Improvements Near Colonel James Jabara Airport, Sedgwick County, Kansas by C. Tod Bevitt and Wendi M. Bevitt of Buried Past Consulting, LLC, dated March 2023. The SHPO finds the report to be acceptable and concurs that the project will have no effect on NRHP-eligible historic properties as defined in 36 CFR 800. This office has no objection to the proposed project.

This information is provided at your request to assist you in identifying historic properties, as specified in 36 CFR 800 for Section 106 consultation procedures.

To continue providing timely reviews under state and federal preservation laws during a time of increasing requests, the Kansas State Historic Preservation Office (SHPO) is implementing a new procedure. Response letters in PDF format will no longer be attached to projects submitted to the Kansas Review and Compliance Portal (KSR&C). Project clearance will be provided as a direct message within the portal and requests for survey and additional information will be sent as an 'Additional Information Requested' message within the portal. A screenshot of these messages should be used as the replacement for the PDF letter. This decision has been discussed with the ACHP and is in accordance with the requirements in 36 CFR Part 800. We hope you will find this change less cumbersome than locating and downloading the PDF letters.

Please let us know if you have any questions or concerns with this project review or this new procedure at kshs.shpo@ks.gov (mailto:kshs.shpo@ks.gov) or call 785-272-8681, ext. 240.

On behalf of: Katrina Ringler Deputy State Historic Preservation Officer Kansas Historical Society

Finished

Copyright © 2023 - Kansas State Historic Preservation Office. All rights reserved.



Osage Nation Historic Preservation Office

Date: May 27, 2025 File: 2425-5029KS-4

FAA Central Regions Airport Division Scott Tener 901 Locust Street, Room 364 Kansas City, MO 64106-3235 scott.tener@faa.gov

RE: FAA, WAA, Colonel James Jabara Airport, Proposed Non-Aeronautical Development, Sedgwick County, Kansas

SENT VIA EMAIL

Dear Mr. Tener,

The Osage Nation Historic Preservation Office has evaluated your submission regarding the proposed FAA, WAA, Colonel James Jabara Airport, Proposed Non-Aeronautical Development, Sedgwick County, Kansas and determined that the proposed project most likely will not adversely affect any sacred properties and/or properties of cultural significance to the Osage Nation. For direct effect, the finding of this NHPA Section 106 review is a determination of "No Properties" eligible or potentially eligible for the National Register of Historic Places.

In accordance with the National Historic Preservation Act, (NHPA) [54 U.S.C. § 300101 et seq.] 1966, undertakings subject to the review process are referred to in 54 U.S.C. § 302706 (a), which clarifies that historic properties may have religious and cultural significance to Indian tribes. Additionally, Section 106 of NHPA requires Federal agencies to consider the effects of their actions on historic properties (36 CFR Part 800) as does the National Environmental Policy Act (43 U.S.C. 4321 and 4331-35 and 40 CFR 1501.7(a) of 1969). The Osage Nation concurs that the Federal Aviation Administration fulfilled NHPA compliance by consulting with the Osage Nation Historic Preservation Office in regard to the proposed project referenced as FAA, WAA, Colonel James Jabara Airport, Proposed Non-Aeronautical Development, Sedgwick County, Kansas.

The Osage Nation has vital interests in protecting its historic and ancestral cultural resources. We do not anticipate that this project will adversely impact any cultural resources or human remains protected under the NHPA, NEPA, the Native American Graves Protection and Repatriation Act, or Osage law. If, however, artifacts or human remains are discovered during project construction, we ask that work cease immediately and the Osage Nation Historic Preservation Office be contacted.

Should you have any questions or need any additional information please feel free to contact Luke Morris, MA at luke.morris@osagenation-nsn.gov. Thank you for consulting with the Osage Nation on this matter.

Andrea A. Hunter, Ph.D. Director, Tribal Historic Preservation Officer

Luke Morris, MA Archaeologist



Federal Aviation Administration Central Region Iowa, Kansas Missouri, Nebraska

901 Locust Kansas City, Missouri 64106-2325

April 10, 2025

CERTIFIED MAIL

<NAME> [See Attached List] <ADDRESS>

RE: Section 106 Consultation

Proposed Non-Aeronautical Development

Colonel James Jabara Airport Wichita, Sedgwick County, Kansas

Dear <NAME>:

An environmental evaluation is being prepared for a proposed undertaking at the Sioux Gateway Airport (Airport) subject to the National Environmental Policy Act (NEPA). In conjunction with the NEPA process, the Federal Aviation Administration (FAA) intends to complete Section 106 of the National Historic Preservation Act (NHPA), as implemented through 36 CFR 800. The intent of this letter is to request your input on properties of cultural or religious significance that may be affected by the proposed project and invite you to participate in the Section 106 consultation process.

Description of Undertaking

The Wichita Airport Authority (WAA) proposes to build non-aeronautical development on airport property as shown on **Exhibit 2**. The project includes three one story buildings (50 feet tall) on 95 acres and associated site improvements, such as parking lots, ancillary roads, and utilities.

Area of Potential Effects

The APE is located north of Colonel James Jabara Airport on the northeast side of Wichita, Sedgwick County, Kansas (**Figure 1**). The APE is approximately 115 acres bounded on the west by Webb Road while 45th Street bisects the survey area as shown in **Exhibit 3**. The property has been owned by the Wichita Airport Authority for years, prior to which the acreage encompassing the Project Area was privately owned and part of local farm operations.

Identification of Historic Properties

A Phase I intensive archaeological survey was completed and included an intensive pedestrian survey of the entire APE on 15-meter transects accompanied by standardized shovel testing carried out on 30-meter intervals to determine the presence of surface and subsurface cultural deposits. The survey found no evidence of cultural resources and recommends no further archaeological investigations.

Assessment of Effects

The archaeological survey did not find any NRHP eligible resources; therefore, the FAA has determined that **No Historic Properties will be Affected.**

Request for Section 106 Concurrence

The FAA requests concurrence with the effect determination within 30 calendar days. If you have any questions or need additional information, please contact me at scott.tener@faa.gov or 816-329-2639.

Sincerely,

Scott Tener

Environmental Program Manager

FAA Central Region Office of Airports

Enc: Exhibit 1: Location Map
Exhibit 2: Project Map

Exhibit 3: Area of Potential Effect

Report: A Cultural Resource Survey of Approximately 115 Acres for Planned

Improvements Near Colonel James Jabara Airport, Sedgwick County, Kansas, March

2023; Buried Past Consulting, LLC.

Exhibit 1: Location Map

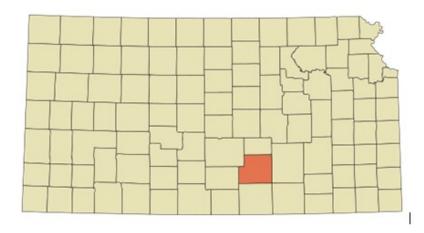




Exhibit 2: Project Map

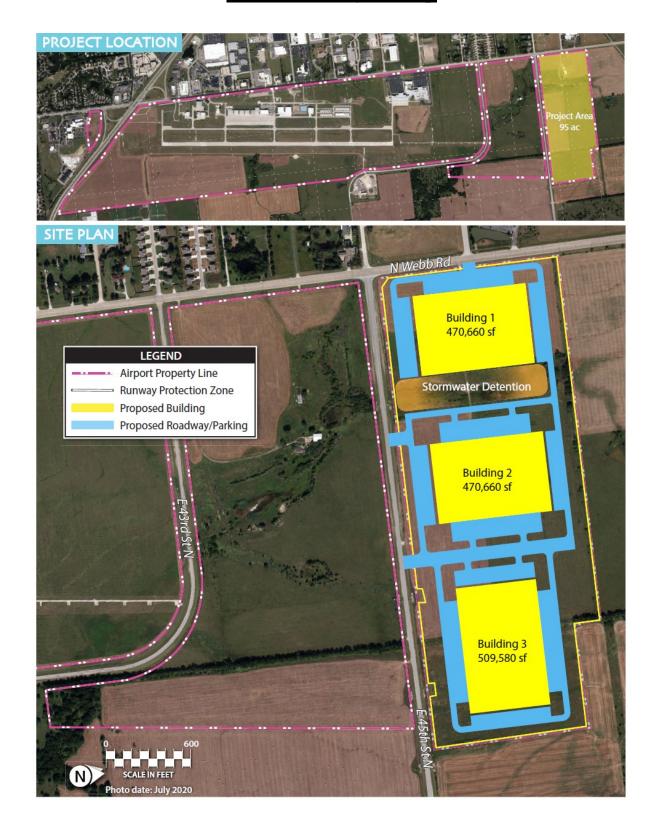
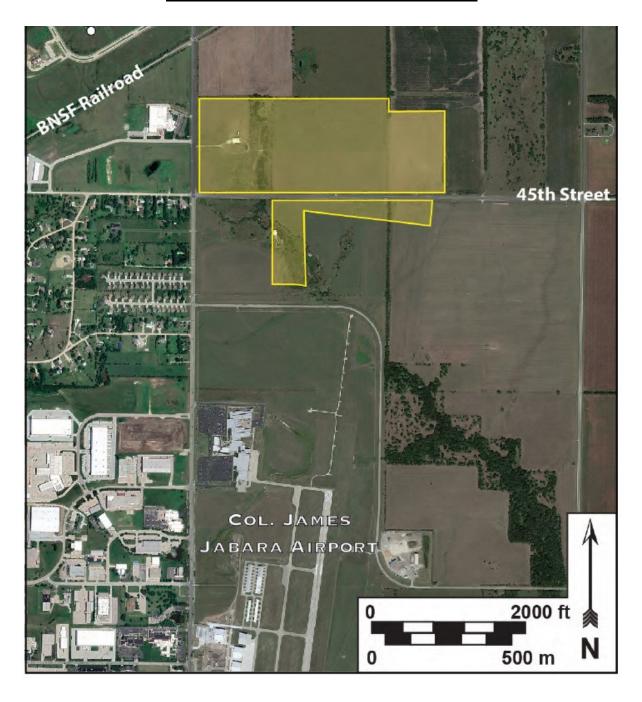


Exhibit 3: Area of Potential Effect



<u>Tribal Coordination – Environmental Evaluation</u> <u>Non-Aeronautical Development</u> <u>Colonel James Jabara Airport, Wichita, Sedgwick County, Kansas</u>

This website is recommended by ACHP: https://egis.hud.gov/TDAT/

Contact	Delivered	Response Returned	Action Requested
Mr. Max Bear, THPO Cheyenne and Arapaho Tribes, Oklahoma 700 Black Kettle Blvd. Concho, OK 73022	4/23/25	No Response 5/20/25	Cert Mail#70060810000484978255
Ms. Kerstien McMurl, THPO Iowa Tribe of Oklahoma 335588 E 750 Road Perkins, OK 74059	4/14/25	No Response 5/20/25	Cert Mail#70060810000484978262
Ms. Crystal Douglas Historic Preservation Officer Kaw Nation P.O. Box 50 Kaw City, OK 74641	4/14/25	No Response 5/20/25	Cert Mail#70060810000484978279
Mr. Logan York, THPO Miami Tribe of Oklahoma P.O. Box 1326 Miami, OK 74355	4/11/25	No Response 5/20/25	THPO@miamination.com
Mr. Jerell Grant, THPO Omaha Tribe of Nebraska P.O. Box 368 Macy, NE 68039	4/14/25	No Response 5/20/25	Cert Mail#70060810000484978286
Dr. Andrea Hunter Director, THPO Osage Nation 627 Grandview Pawhuska, OK 74056	4/11/25	Concur-No Properties 5/27/25	s106@osagenation-nsn.gov
Mr. Matt Reed Tribal Historic Preservation Office Pawnee Nation of Oklahoma P.O. Box 470 Pawnee, OK 74058	4/17/25	No Response 5/20/25	Cert Mail#70060810000484978293
Ms. Theresa Foley, THPO Ponca Tribe of Nebraska	4/11/25	No Response 5/20/25	Section106@poncatribe-ne.gov

PO BOX 288 Niobrara NE 68760

Ms. Tonya Tipton The Shawnee Tribe P.O.Box 189 29 S Hwy 69A Miami, OK 74355

Mr. Gary McAdams, THPO Wichita and Affiliated Tribes, Oklahoma P.O. Box 729 Anadarko, OK 73005

4/14/25	No Response 5/20/25	Cert Mail#70060810000484978309
4/14/25	No Response 5/20/25	Cert Mail#70060810000484978316



www.coffmanassociates.com

KANSAS CITY (816) 524-3500

PHOENIX (602) 993-6999

12920 Metcalf Avenue Suite 200 Overland Park, KS 66213 4835 E. Cactus Road Suite 235 Scottsdale, AZ 85254