# RECEIVED JUL 11 2022

PUBLIC SERVICE COMMISSION

 From:
 Chandler, Kent (PSC)

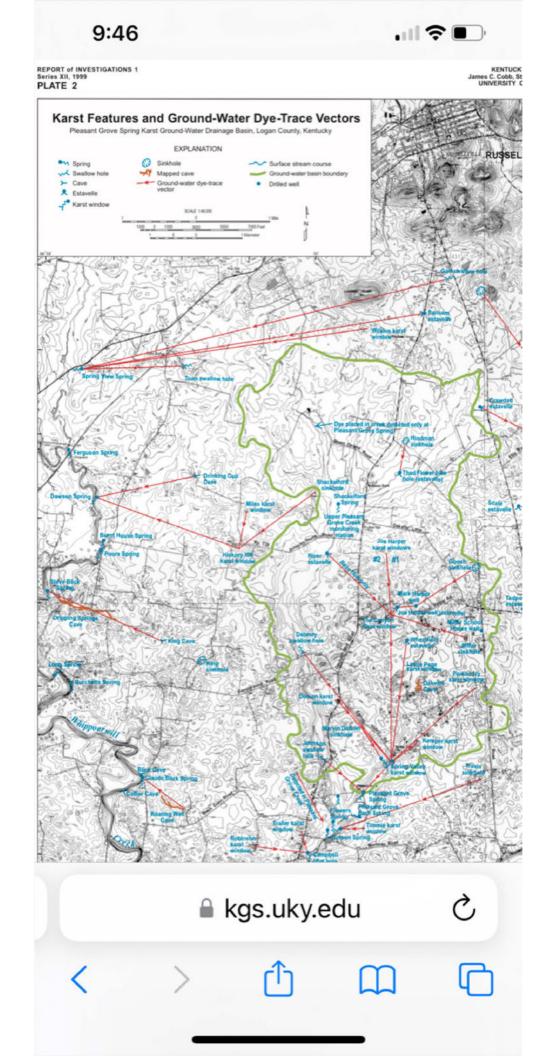
 To:
 Chandler, Kent (PSC)

 Subject:
 2021-00235

 Date:
 Sunday, July 10, 2022 11:40:29 AM

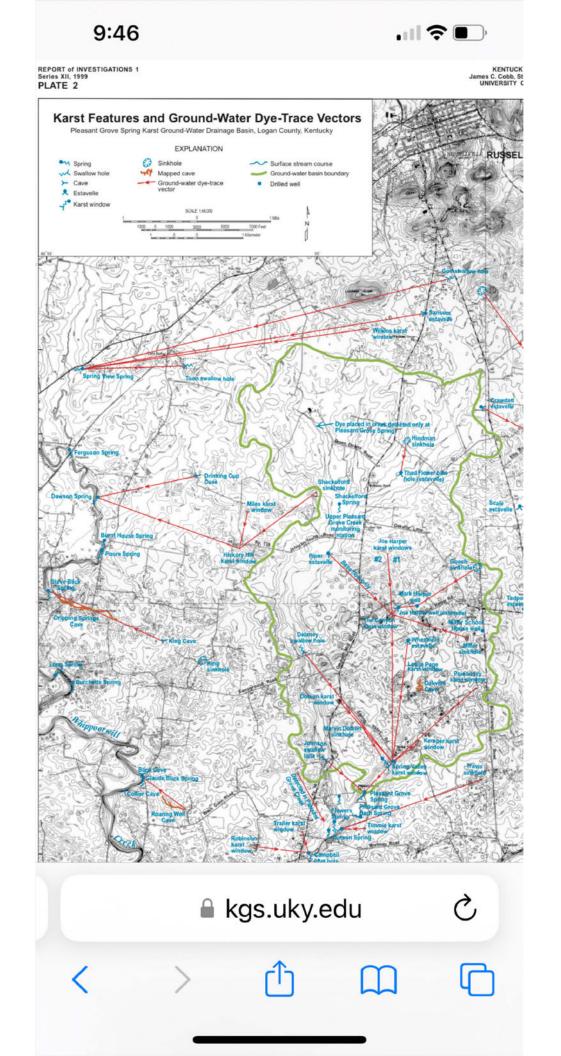
 Attachments:
 image0.png





From:To:Chandler, Kent (PSC)Subject:2021-00235Date:Sunday, July 10, 2022 11:39:06 AMAttachments:image0.png

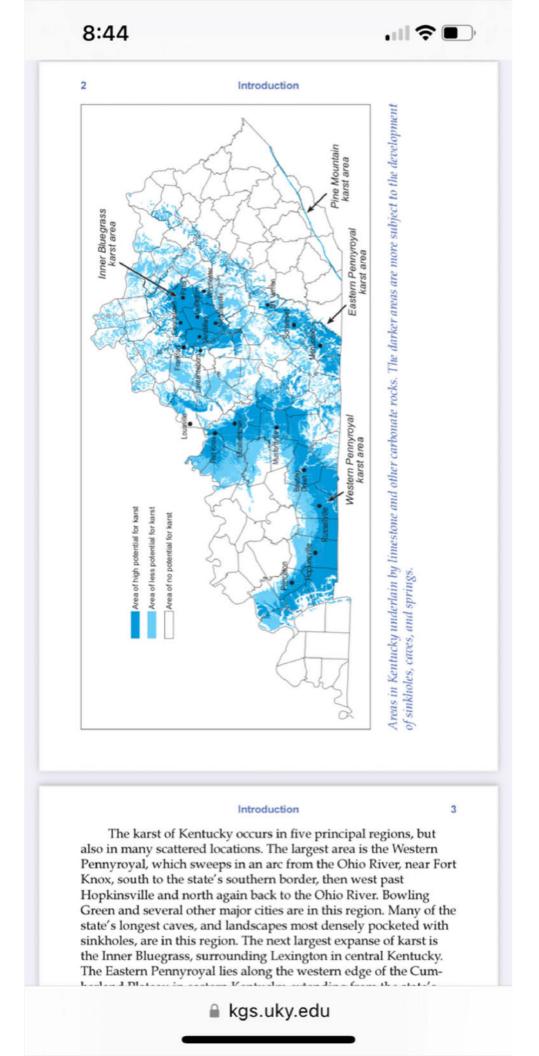


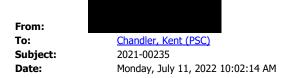




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Sent from my iPhone





Linda Campbell 4945 Schley rd Adairville Ky 52202

I have sent previous maps To the file Showing Krast Areas in Logan County and how they flow to the Red River. Silicon ranch Russellville Solar Identifies in the below pictures that Red river is the anchor water from these streams and krast. Farmers in Logan County use the Red River to irrigate crops which eventually become food for America. Logan County is blessed to have this river flow through the land. I am asking the board To review these attachments and please Consider how much damage Could be affected by these waterways in the flow into Red River. Please vote no for recipe for Russellville Solar project. Thank you Linda Campbell

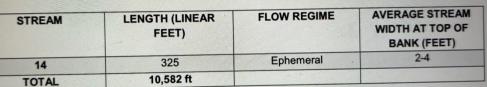
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1 Sun Jul 10			₽ psc.k	y.gov		
i cui s				•	JURISDICTIONAL	
		1	CLASSIFICATION	Precipitation, Surface	Yes; adjacent to off-	
	A	0.95	PFO	Runoff	site stream Yes; adjacent to	
	22224101	1,11	PEM	Precipitation, Surface	Stream 1	
	В			Runoff Precipitation, Surface	Yes; neighboring	
	C	0.88	PFO	Runoff	Stream 2	
		0.09	PEM	Precipitation, Surface	Yes; neighboring Stream 2	
	D	0.09		Runoff	Uncan	
•		ineation Report			Terracon	
•	Russellville S July 31, 2019	Solar = Russellv 9 = Terracon Pr	t ille, Kentucky oject: N1197212 PEM	Precipitation, Surface	Yes; neighboring Stream 2	
•			PEM	Precipitation, Surface Runoff Precipitation, Surface	Yes; neighboring Stream 2 Yes; adjacent to	
•	Russellville S July 31, 2019	Solar = Russellv 9 = Terracon Pr	oject: N1197212	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Pond 7	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9	
•	Russellville S July 31, 2019 E F	0.14       1.84	PEM	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Pond 7 Precipitation, Surface	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9	
•	Russellville S July 31, 2019	Solar = Russellv 9 = Terracon Pr 0.14	PEM PEM PEM	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Pond 7 Precipitation, Surface Runoff, Pond 8	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Streams 4 and 9 Yes; neighboring	
•	Russellville S July 31, 2019 F G	0.14       1.84	PEM PFO	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Streams 4 and 9 Yes; neighboring Stream 13	
•	Russellville S July 31, 2019 E F	Olar         Russen           0         Terracon Pr           0.14         1.84           0.18         0.08	PEM PFO PEM PEM PEM/PSS	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Streams 4 and 9 Yes; neighboring Stream 13 Yes; adjacent to	R
•	Russellville S July 31, 2019 F G	Solar = Russenv 9 = Terracon Pr 0.14 1.84 0.18	PEM PEM PEM	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface Runoff	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Streams 4 and 9 Yes; neighboring Stream 13 Yes; adjacent to Stream 13	(T)
•	Russeliville S July 31, 2019 E F G H 1	0.04r         RUsselw           0.14         1.84           0.18         0.08           0.03         0.03	PEM PFO PEM PEM PEM/PSS	Precipitation, Surface Runoff, Surface Runoff, Streams 4 and 10 Pend 7 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface Runoff	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Streams 4 and 9 Yes; neighboring Stream 13 Yes; adjacent to Stream 13 Yes; neighboring Stream 12	R
•	Russeliville S July 31, 2019 F G H	Olar         Russen           0         Terracon Pr           0.14         1.84           0.18         0.08	PEM PEM PEM PEM PEM/PSS PEM/PSS PEM/PSS PFO	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Stream 13 Yes; adjacent to Stream 13 Yes; neighboring Stream 13 Yes; neighboring Stream 12 Yes; neighboring	6
•	Russeliville S July 31, 2019 F G H I J	0.04r         RUsselw           0.14         1.84           0.18         0.08           0.03         0.03	PEM PEM PEM PEM PEM/PSS PEM/PSS	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Stream 13 Yes; adjacent to Stream 13 Yes; neighboring Stream 12 Yes; neighboring Stream 12	ß
•	Russeliville S July 31, 2019 E F G H 1	Solar = Russew	PEM PEM PEM PEM PEM/PSS PEM/PSS PEM/PSS PFO PFO	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Stream 3 Yes; neighboring Stream 13 Yes; adjacent to Stream 12 Yes; neighboring Stream 12 Yes; adjacent to Stream 12 Yes; adjacent to	6
•	Russeliville S July 31, 2019 F G H I J	Solar = RUSSEW 9 = Terracon Pr 0.14 1.84 0.18 0.08 0.03 3.27	PEM PEM PEM PEM PEM/PSS PEM/PSS PEM/PSS PFO	Precipitation, Surface Runoff, Streams 4 and 10 Precipitation, Surface Runoff, Streams 4 and 11 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Stream 14	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Streams 4 and 9 Yes; neighboring Stream 13 Yes; neighboring Stream 12 Yes; neighboring Stream 12 Yes; adjacent to Stream 14	10
•	Russeliville S July 31, 2019 F G H I J K L	Solar = RUSSEW 9 = Terracon Pr 0.14 1.84 0.18 0.08 0.03 0.03 3.27 1.22 0.74	PEM PEM PEM PEM PEM/PSS PEM/PSS PEM/PSS PFO PFO	Precipitation, Surface Runoff Precipitation, Surface Runoff, Streams 4 and 10 Pond 7 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Stream 14 Precipitation, Surface Runoff, Stream 14	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Streams 4 and 9 Yes; neighboring Stream 13 Yes; neighboring Stream 12 Yes; neighboring Stream 12 Yes; adjacent to Stream 14	6
•	Russeliville S July 31, 2019 F G H I J K L M	Solar = RUSSEW 9 = Terracon Pr 0.14 1.84 0.18 0.08 0.03 0.03 3.27 1.22 0.74 0.05	PEM PEM PEM PEM/PSS PEM/PSS PEM/PSS PFO PFO PEM PEM	Precipitation, Surface Runoff, Streams 4 and 10 Precipitation, Surface Runoff, Streams 4 and 11 Precipitation, Surface Runoff, Pond 8 Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Precipitation, Surface Runoff Stream 14	Yes; neighboring Stream 2 Yes; adjacent to Streams 4 and 9 Yes; neighboring Stream 13 Yes; neighboring Stream 13 Yes; neighboring Stream 12 Yes; neighboring Stream 12 Yes; adjacent to Stream 12 Yes; neighboring Stream 12 Yes; neighboring Stream 14	

Wetland Delineation Report Russellville Solar Russellville, Kentucky July 31, 2019 Terracon Project: N1197212



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Terracon

Streams 2, 5, 6, 7, 8, 9, and 10 are drained by karst features, sinkholes leading to underground drainage systems. Due to their neighboring and adjacent locations to on-site waters and significant nexus to the off-site anchor water, Red River, Terracon considers these streams jurisdictional. Additionally, Terracon considers the remaining on-site streams jurisdictional based on their connection, as tributaries, to an off-site anchor water, Red River.

### 5.4 Other Waters

Other waters (ponds) were observed at the project site during the site reconnaissance:

P	OND	SIZE	COWARDIN CLASSIFICATION	WATER SOURCES	USACE JURISDICTIONAL	
and the second se		(ACRES)	CLASSIFICATION		No	

Wetland Delineation Report Russellville Solar 
Russellville, Kentucky July 31, 2019 
Terracon Project: N1197212



14	0.35	PUB	Precipitation, Surface Runoff	No
15	0.74	PUB	Precipitation, Surface Runoff	Yes; neighboring Stream 2
TOTAL	7.36 ac	1.		

Terracon considers Ponds 6, 7, 8, 9, 11, 12, and 15 jurisdictional based on their neighboring and adjacent locations to waters on-site, which connect to an off-site anchor water, Red River. Ponds 1, 2, 3, 4, 5, 10, 13, and 14 are considered non-jurisdictional as they do not have a significant connection to any on-site waters.

Additionally, eleven karst features (five standalone and six associated with streams) were observed on-site during the site reconnaissance. These features are connected to sinkholes which connect to underground drainage systems. These features are not considered jurisdictional.

## 6.0 SUMMARY AND CONCLUSIONS OF FIELD OBSERVATIONS

A wetland delineation of an approximate 1,600-acre site located in Russellville, Kentucky was conducted on July 9 and 10, 2019. A review of the project site was conducted utilizing readily available information including, but not limited to, topographical, aerial and wetland data. In observed on-site during the site reconnaissance. These features are connected to sinkholes which connect to underground drainage systems. These features are not considered jurisdictional.

## 6.0 SUMMARY AND CONCLUSIONS OF FIELD OBSERVATIONS

A wetland delineation of an approximate 1,600-acre site located in Russellville, Kentucky was conducted on July 9 and 10, 2019. A review of the project site was conducted utilizing readily available information including, but not limited to, topographical, aerial and wetland data. In addition, a preliminary site visit was performed to characterize the existing site conditions and observe the project site for suspect waterbodies and wetlands (if any). A summary of field observations and conclusions concerning jurisdictional status is outlined in the following sections.

#### 6.1 Wetlands

Thirteen wetlands, totaling 10.58 acres, were observed on the project site. It is Terracon's opinion that these on-site wetlands jurisdictional based on their adjacent and neighboring locations to tributaries of an off-site anchor water, Red River.

#### 6.2 Streams

Fifteen streams, totaling 10,582 linear feet, were observed on the project site during the site reconnaissance. Terracon considers the on-site streams jurisdictional based on their connection to an off-site anchor water, Red River.

