

Jeff Vlach

From: tony.cooley@ky.gov
Sent: Friday, June 10, 2011 2:22 PM
To: George.Gilbert@ky.gov; Sharon.Gritton@ky.gov; Wilson.Tan@ky.gov; shawn.cecil@ky.gov; robert.daniell@ky.gov; ron.gruzesky@ky.gov; Jon.Maybriar@ky.gov; April.Webb@ky.gov; bob.bickner@ky.gov
Cc: Tammi.Hudson@ky.gov
Subject: RE: Jefferson Co. Bridges
Attachments: Page 56 Section 4.pdf; Section 4 crosses lagoon.pdf; Page 50 overview map.pdf

The proposed route for Section 4 of the new bridge plan appears to cross part of one of the sedimentation lagoons at the Payne Water Treatment Plant, AI 38627. These lagoons contain sediment settled from filter backwash water and are included as part of a beneficial reuse under SW 056-00019. I have asked Bob Bickner to add further comments as he is familiar with this site and permit.

Attached are an overview map extracted from page 50 of the *052611 Resource Agency Coordination Meeting Document.pdf* document, an image showing the proposed route extracted from page 56 of the same document, and a translucent overlay of that route matched to an image extracted from Arcview showing a larger area and more clearly showing the water treatment plant.

Tony Cooley P.E., P.G.

Environmental Engineer II
EEC-DEP Division of Waste Management
Solid Waste Branch, Closure Section
502-564-6716
502-564-8158 ext 4654 (direct)

From: Gilbert, George (EEC)
Sent: Thursday, June 09, 2011 10:00 AM
To: Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Cecil, Shawn (EEC); Daniell, Robert (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Webb, April (EEC)
Subject: Jefferson Co. Bridges

[V:\Dwm_Share\Bridges Jefferson Co](#)

Here is the link to the CD that FHWA sent me on the bridges EIS supplement process meeting last month.

I noticed the new roadway is inland of the existing one, and no mention is made about investigating USTs or superfund sites. Maybe the EIS process does not call for it.

Anyway, here it is. Provide any comments by COB June 23. The comments will be used at the next meeting. Thx.

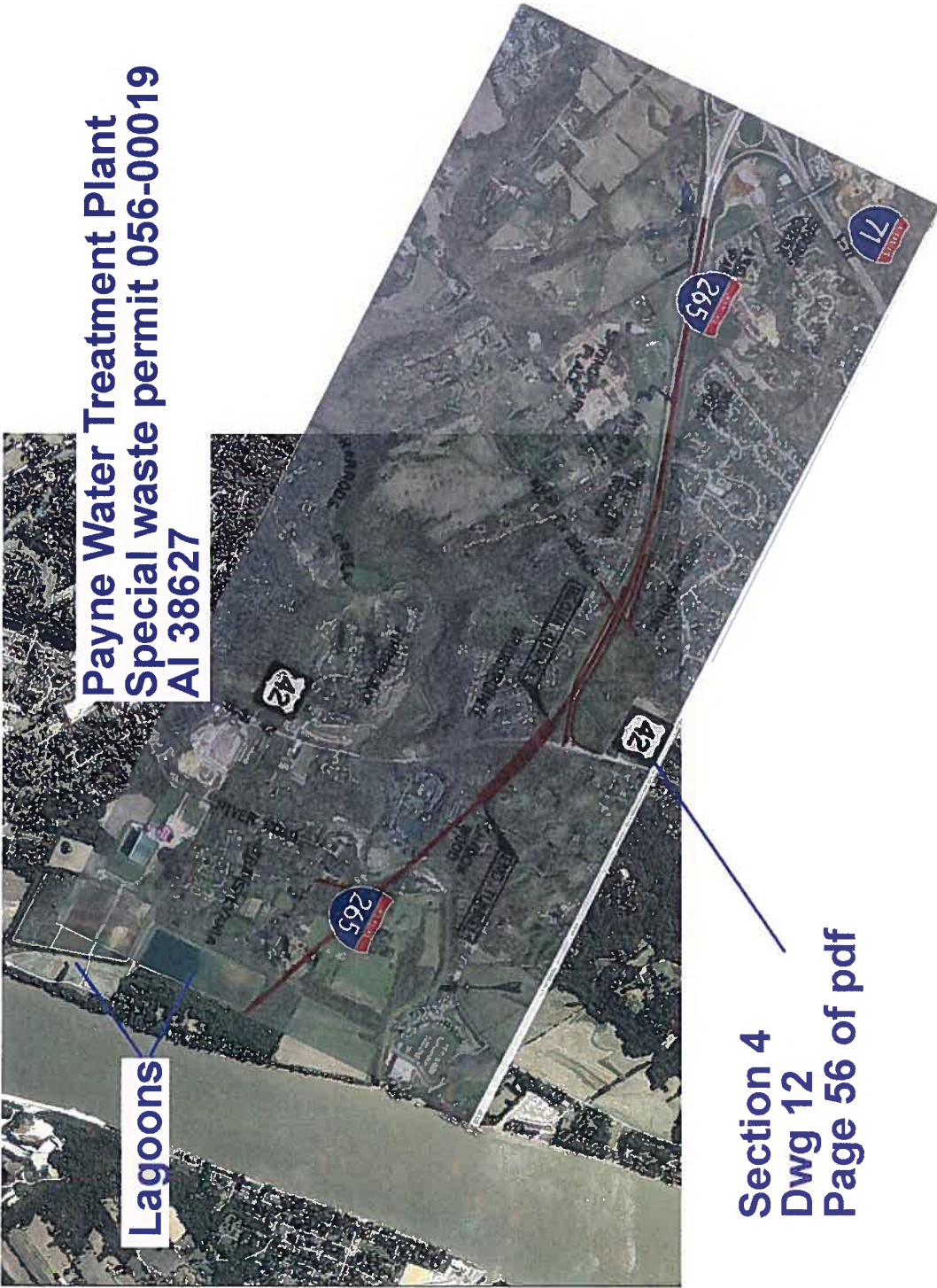
Section 4



East End Kentucky

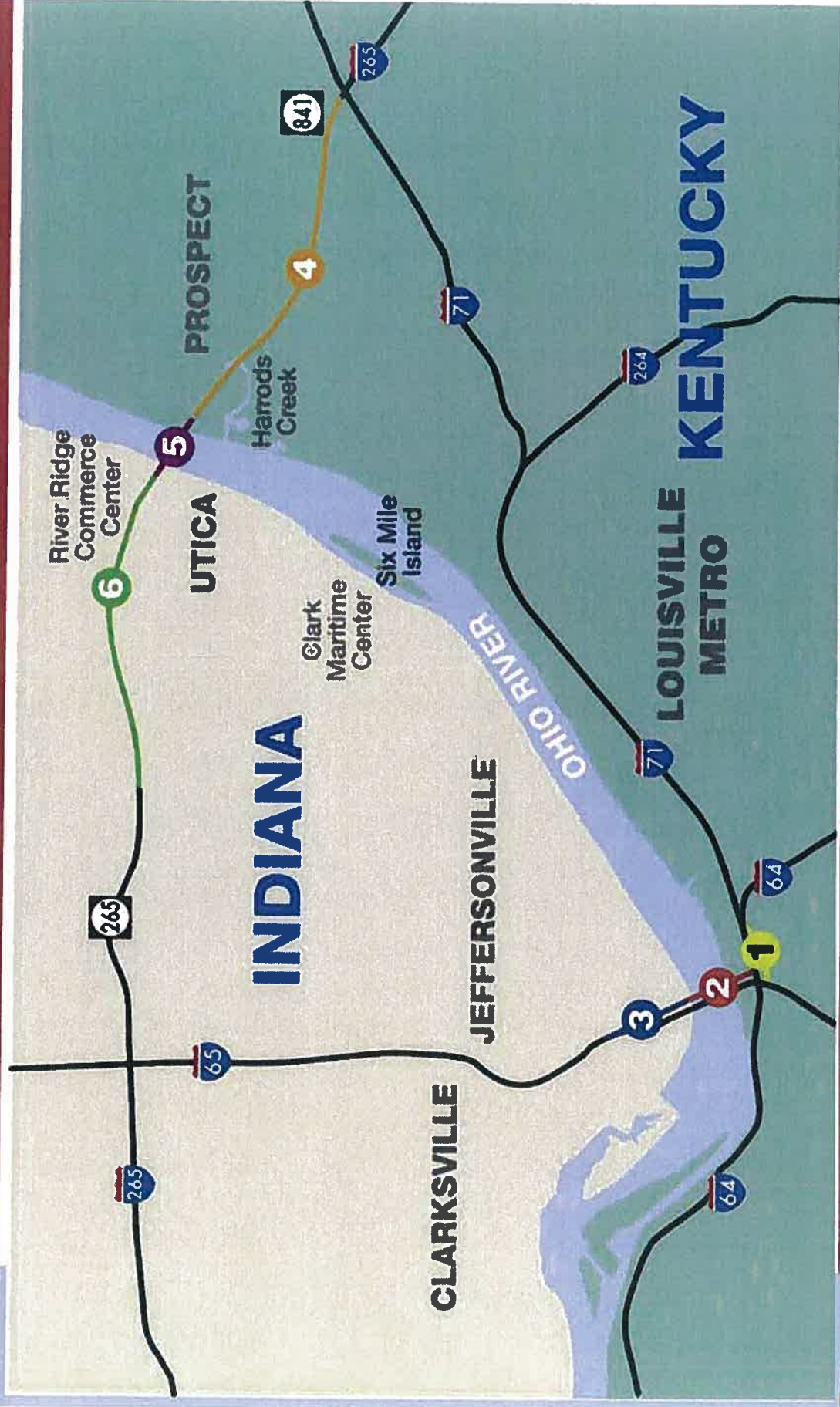


Payne Water Treatment Plant
Louisville Water Company
AI: 38627
Special Waste Permit
active
SW 059-00019



Section 4
Dwg 12
Page 56 of pdf

The Bridges Project



Jeff Vlach

From: robert.daniell@ky.gov
Sent: Tuesday, June 14, 2011 3:37 PM
To: George.Gilbert@ky.gov
Cc: Cheryl.Yunt@ky.gov; Dawn.Baase@ky.gov
Subject: FW: Jefferson Co. Bridges
Attachments: Page 56 Section 4.pdf; Section 4 crosses lagoon.pdf; Page 50 overview map.pdf; Jefferson Bridge Project UST Response.xls

George, attached is information regarding UST's in the area.

Rob Daniell, Manager
Underground Storage Tank Branch
200 Fair Oaks
Frankfort, KY 40601
(502) 564-5981 Ext. 4782

From: Yunt, Cheryl (EEC)
Sent: Tuesday, June 14, 2011 3:18 PM
To: Daniell, Robert (EEC)
Cc: Baase, Dawn (EEC)
Subject: FW: Jefferson Co. Bridges

Rob,

Please find attached a list of UST sites and their status that are in the area of the Jefferson Co Bridges project. Please let me know if you need anything further.

Thanks!!

Cheryl Yunt
Environmental Technologist III
Underground Storage Tank Branch
(502) 564-5981, ext. 4013
Fax: (502) 564-0094

From: Daniell, Robert (EEC)
Sent: Friday, June 10, 2011 2:38 PM
To: Yunt, Cheryl (EEC); Baase, Dawn (EEC)
Cc: Terry, Lori (EEC)
Subject: FW: Jefferson Co. Bridges

Have we looked at this project previously for potential UST issues? From the maps in the pdf that George has linked below, it is hard to identify the roads in the area to try and ID UST facilities.

Rob Daniell, Manager
Underground Storage Tank Branch
200 Fair Oaks
Frankfort, KY 40601
(502) 564-5981 Ext. 4782

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Sent: Friday, June 10, 2011 2:22 PM
To: Gilbert, George (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Cecil, Shawn (EEC); Daniell, Robert (EEC);

Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Webb, April (EEC); Bickner, Bob (EEC)

Cc: Hudson, Tammi (EEC)

Subject: RE: Jefferson Co. Bridges

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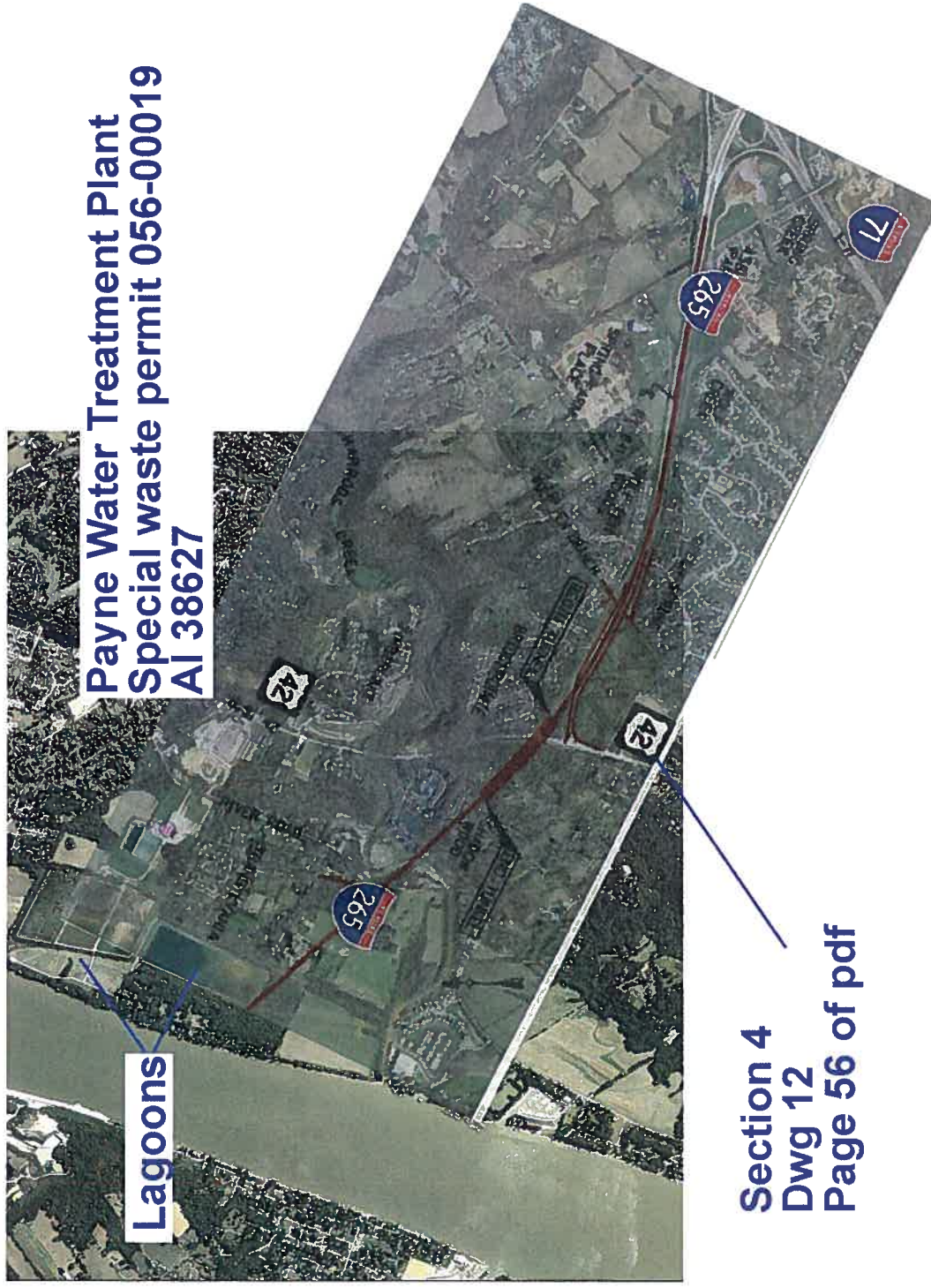
Section 4



East End Kentucky

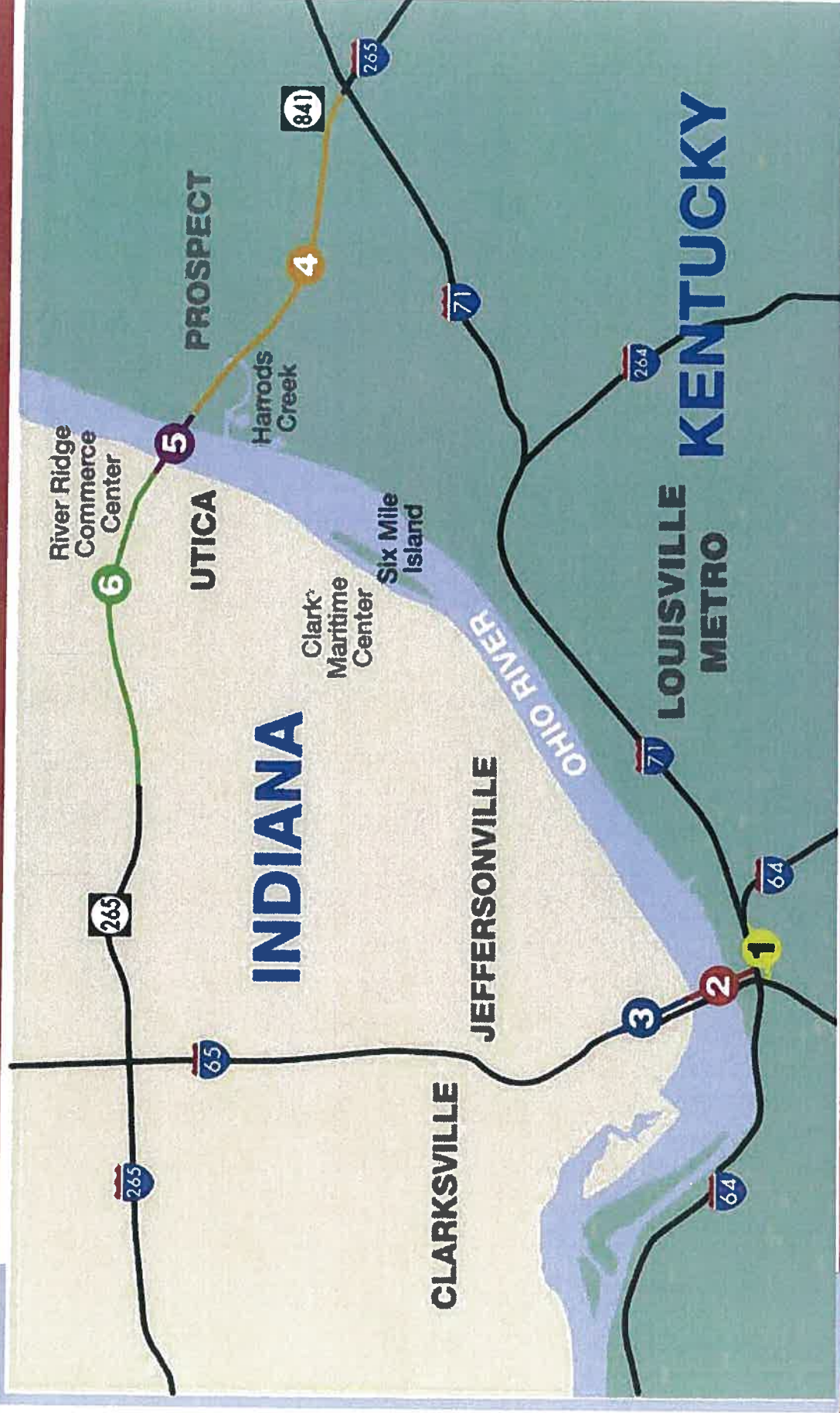


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AI_ID	AI_NAME/ADDRESS	X_COORD	Y_COORD	ALT_AI_ID	Removal Date	Tank #	Tank Size	Tank Substance
51726	Harrods Creek Imports Inc 6337 Upper River Rd Harrods Creek, KY 40027	-85.63265	38.32725	1101056	11/28/1995	STOR 1	4000	GAS
					11/28/1995	STOR 2	500	KER
					11/28/1995	STOR 3	2500	GAS
					11/28/1995	STOR 4	2500	GAS
47945	Harrods Creek Boat Harbor 6221 Guthrie Beach Rd Harrods Creek, KY 40027	-85.628633	38.332377	1009056	10/1/2001	STOR 1	4000	GAS
					10/1/2001	STOR 2	4000	GAS
					1/9/1992	STOR 3	1500	DSL
					10/1/2001	STOR 4	1000	DSL
38627	Payne WTP 7400 Upper River Rd Louisville, KY 40059	-85.628889	38.343611	3468056	10/28/1993	STOR 1	500	GAS
66511	South Central Lsvkyhc 51153 7601 River Rd Harrods Cr 51153 Louisville, KY 40027	-85.620521	38.343587	769056	5/23/1994	STOR 1	1500	DSL
60766	Harrods Creek Fire Dept 8905 US Hwy 42 Prospect, KY 40059	-85.622306	38.336139	1797056		STOR 1	1000	GAS
						STOR 2	1000	DSL
63321	Circle K #3244 9109 US 42 Prospect, KY 40059	-85.619972	38.339861	723056	3/15/2000	STOR 1	4000	GAS
					3/15/2000	STOR 2	8000	GAS
					3/15/2000	STOR 3	8000	GAS
					3/15/2000	STOR 4	4000	GAS
						STOR 5	12000	GAS
						STOR 6	12000	GAS
2193	Fivestar Foodmart 7676 10306 US 42 Prospect, KY 40059	-85.6177	38.3419	27056		STOR 1	10000	GAS
						STOR 2	10000	GAS
						STOR 3	6000	GAS
						STOR 4	4000	DSL

Comments
NFA issued for STOR 1-4 on 5/27/2004
NFA issued for STOR 3 on 3/9/1993
NFA issued for STOR 1-2 & 4 on 4/5/2011
NFA issued for STOR 1 on 6/24/1994
NFA issued for STOR 1 on 2/21/1995
STOR 1-2 are active tanks. Tanks are in compliance as of 7/23/2010.
For AI# 63321 (STOR 1-4), three mobile dual-phase extraction (mDPE) events were performed at MW6 in October, November, and December 2009. Following the mDPE work, a round of groundwater samples was collected in March and May 2010. Results showed that BTEX increased in MW6 after mDPE work. An increase in contamination at an extraction point sometimes means that the extraction point was not located in the most contaminated portion of the plume. Ahad prepared a new directive for the site in on 2/1/11 and it asks for 2 additional monitoring wells to be installed and asks for MW6 to be redeveloped (consultant likely suggested a problem with the mwell as the cause for the increased BTEX), plus a number of groundwater analyses. My guess is that Ahad recognized that the BTEX increase could be due to a problem with MW6 but also wants to be sure the subsurface has been adequately characterized. C&P prepared a reimbursement worksheet for the directive and it is locked presently in TEMPO (typically means that a directive has been approved). The WAL shows that Marge assigned it back to Ahad on 3/18/11. The WAL task is not complete though. The draft letter has a 3/21/11 date on it but does not include Ahad's signature and the letter is not locked. Based on what is in TEMPO, it appears that Ahad has not sent this directive. The bottom line – significant BTEX appears to remain in groundwater (1.3 mg/L at MW6) but additional site assessment is needed to perform effective future corrective actions. A directive is pending.
STOR 5-6 are active tanks. Tanks are in compliance as of 7/20/2010.
STOR 1-4 are active tanks. Tanks are in compliance as of 6/11/2009.

Jeff Vlach

From: Sheri.Adkins@ky.gov
Sent: Wednesday, June 22, 2011 2:21 PM
To: George.Gilbert@ky.gov
Cc: shawn.cecil@ky.gov
Subject: FW: Jefferson Co. Bridges

George,

From what I can tell, the EIS is based on making sure that the project isn't messing anything up; SFB sites are already messed up and probably why they don't address them in the EIS. As far as whether this is the norm or not, I haven't the experience or knowledge base to answer that; what I do know is that KYTC is working closely with us and has been for years, to address any problems that should arise as a result of SFB involvement on a property, so it is being taken into consideration in the overall course of the project.

In response to the e-mail string regarding the apparent shifted location of the bridges project, for the main part (spaghetti junction) it appears the options are go forth with the original approved plans, re-do what's already in existence, or do nothing. As mentioned, KYTC is and has been working very closely w/ SFB to ensure that they are following EEC regulation and statute, and also to ensure that they are protective for transportation in regards to not accruing environmental liability. All SFB sites within that construction area have been assessed as appropriate and if additional properties were to come into play, they too would be assessed for environmental concerns. KYDOT is very much aware that failure to properly assess an area with environmental concern prior to do anything other than ponder the property can bring on unwanted liability to their cabinet.

In section 3 (which we have not discussed with KYTC) an AI search did not produce any results in the vicinity that was related to SFB activity; the majority of the AI's in the area were related to DOW and permitting.

If you need additional information or comments from SFB on the project, please let me know.

Sheri Adkins, P.G.

Supervisor - State Section

Superfund Branch

Division of Waste Management

200 Fair Oaks Lane, Frankfort KY 40601

502-564-6716 ext. 4734

sheri.adkins@ky.gov

No trees were bothered in the sending of this message.

However a large number of electrons were terribly inconvenienced.

From: Cecil, Shawn (EEC)
Sent: Friday, June 10, 2011 2:58 PM
To: Adkins, Sheri (EEC)
Subject: FW: Jefferson Co. Bridges

Sheri,

Please investigate.

Shawn A. Cecil, P.G.
Branch Manager

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

Division of Waste Management
Superfund Branch

Phone: (502) 564-6716 ext 4728

Fax: (502) 564-2705

Email: shawn.cecil@ky.gov

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Sent: Thursday, June 09, 2011 10:00 AM

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