Assessment Summary

Ohio River 793.2 to 792.1 **KY425264_29**	 This part of the stream partially supports aquatic life, partially supports swimming (Primary Contact Recreation), partially supports Fish Consumption.
Near Pigeon Creek (IN) to near Evansville Pumping Station	
Union County, Ohio River Basin	
HUC 05140202	
Assessment Date: 9/23/2014	

Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods[1,2,3]
(5-PS)	Dioxin (including 2,3,7,8-TCDD)	Source Unknown	Concentrations exceeded the water quality standard	Fish Tissue Analysis, Monitoring Data Collected by Other Agencies or Organizations
(5-PS)	Mercury in Fish Tissue	Source Unknown	Concentrations exceeded the water quality standard	Fish Tissue Analysis, Monitoring Data Collected by Other Agencies or Organizations
(5-PS)	PCB in Water Column	Source Unknown	Concentrations exceeded the water quality standard	Fish Tissue Analysis, Monitoring Data Collected by Other Agencies or Organizations
(5-PS)	Escherichia coli	Source Unknown	Concentrations exceeded the water quality standard	Pathogen Monitoring, Qualitative (Evaluated) Assessment
(5-PS)	Iron	Source Unknown	Concentrations exceeded the water quality standard	Biological Monitoring, Monitoring Data Collected by Other Agencies or Organizations, Physical/Chemical Monitoring

[1] Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

[2] Data Source(s): ORSANCO

[3] Data Collection Date(s): 1/1/2009 - 12/31/2013

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