Assessment Summary

Ohio River 789.3 to 776.0 **KY425264_27**	 This part of the stream partially supports aquatic life, partially supports swimming (Primary Contact Recreation), partially supports Fish Consumption.
~2.5 miles downstream of US41 Bridge to Newburgh Locks and Dam	
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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