

Modeling Guidance 8 Final	Information about the Ohio River	
	Rule reference: OAC 3745-2-05 (A)(2)(f) [flow]; OAC 3745-2-04 (E)(1)(a) [hardness]	Revision 0 January 30, 1998 Revision 1 August 23, 2006

Much of the information about the mainstem of the Ohio River is obtained from the Ohio River Valley Sanitation Commission (ORSANCO).

The information listed in the table below has been compiled from ORSANCO information and the STORET data base. This information will be updated periodically during revisions of this guidance. If appropriate, the flows and hardness values would be adjusted per the methods contained in Ohio EPA rules. Suitable site-specific information may be used in lieu of this general guidance.

Flows and Hardness Values for the Ohio River Mainstem

Segment	Mile point	Q _{7,10} (cfs)	Harmonic mean flow (cfs)	Hardness (mg/l)
Montgomery Dam to Willow Island Dam	32.4 - 161.7	5880	20500	120
Willow Island Dam to Racine Dam	161.7 - 237.5	6560	24500	120
Racine Dam to R.C. Byrd Dam	237.5 - 279.2	6700	26000	120
R.C. Byrd Dam to Guyandotte River	279.2 - 305.2	9120	34500	116
Guyandotte River to Big Sandy River	305.2 - 317.1	9300	35900	116
Big Sandy River to Greenup Dam	317.1 - 341.0	10000	38400	116
Greenup Dam to Meldahl Dam	341.0 - 436.2	10600	42100	131

Source: Pollution Control Standards, Ohio River Valley Sanitation Commission, 2003.
Hardness based on STORET data.

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