

Jordan River at 300 North

Updated on: 6/15/2010

Human Health Water Quality Criteria (Class 3A, 3B, 3C and 3D)	EPA Suggested Criteria (see references below)
--	---

Date/Time	Site	Volatile Organic Compound (VOC)	Sample Concentration (ug/L)	Water and Organisms Criteria (ug/L)	Chronic Criteria (ug/L)	Flow (cfs)*
June 13, 2010						
6/13/10 11:30	Jordan River at 300 North	Benzene	Undetected	51	5300	153.6
6/13/10 11:30	Jordan River at 300 North	Toluene	0.6^	15,000	1600	153.6
6/13/10 11:30	Jordan River at 300 North	Ethylbenzene	0.5^	2,100	790	153.6
6/13/10 11:30	Jordan River at 300 North	Xylenes	5.8	No std	700	153.6
6/13/10 11:30	Jordan River at 300 North	Naphthalene	4.6	No std	193	153.6

* Flow at Gage Site # 960, 1650 W. 500 North N. 40° 46' 49.0" W. 111° 56' 17.0".

http://www.pweng.slco.org/flood/streamFlow/cfml/strm_display.cfm?gageno=960&sensor=959

^ Below MRL.

1. National Recommended Water Quality Criteria. Office of Water and Office of Science and Technology <http://www.epa.gov/waterscience/criteria/wqetable/>
2. Great Lakes Initiative (GLI) Clearinghouse resources Tier II criteria revised February 2009 <http://www.epa.gov/gliclearinghouse/>
3. U.S. EPA. 2008. Procedures for the Derivation of Equilibrium Partitioning Sediment benchmarks (ESBs) for the Protection of Benthic Organisms. Compendium of Tier 2 Values for Nonionic Organics. U.S. Environmental Protection Agency, Office of Research and Development: Washington DC EPA/600/R-02/016. PB2008-107282. March 2008. http://www.epa.gov/NHEERL/publications/files/ESB_Compndium_v14_final.pdf
4. U.S. EPA. 2003. Procedures for the Derivation of Equilibrium Partitioning Sediment benchmarks (ESBs) for the Protection of Benthic Organisms. PAH Mixtures. EPA-600-R-02-013. Office of Research and Development. Washington, DC. <http://www.epa.gov/nheerl/publications/files/PAHESB.pdf>