

## Jordan River at Burnham Dam

Updated on: 6/15/2010

Human Health Water Quality Criteria (Class 3A, 3B, 3C and 3D)	EPA Suggested Criteria (see references below)
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Date/Time	Site	Volatile Organic Compound (VOC)	Sample Concentration (ug/L)	Water and Organisms Criteria (ug/L)	Chronic Criteria (ug/L)	Flow (cfs)
<b>June 13, 2010</b>						
6/13/10 16:30	Jordan River at Burham Dam	Benzene	Undetected	51	5300	N/A
6/13/10 16:30	Jordan River at Burham Dam	Toluene	0.8^	15,000	1600	N/A
6/13/10 16:30	Jordan River at Burham Dam	Ethylbenzene	0.7^	2,100	790	N/A
6/13/10 16:30	Jordan River at Burham Dam	Xylenes	8	No std	700	N/A
6/13/10 16:30	Jordan River at Burham Dam	Naphthalene	3.1	No std	193	N/A

^ Below MRL.

1. National Recommended Water Quality Criteria. Office of Water and Office of Science and Technology <http://www.epa.gov/waterscience/criteria/wqctable/>
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](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>