

Jordan River at Cudahy Lane

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)*
June 13, 2010						
6/13/10 10:50	Jordan River at Cudahy Lane	Benzene	Undetected	51	5300	22.26
6/13/10 10:50	Jordan River at Cudahy Lane	Toluene	0.6^	15,000	1600	22.26
6/13/10 10:50	Jordan River at Cudahy Lane	Ethylbenzene	0.5^	2,100	790	22.26
6/13/10 10:50	Jordan River at Cudahy Lane	Xylenes	5.1	No std	700	22.26
6/13/10 10:50	Jordan River at Cudahy Lane	Naphthalene	2.2	No std	193	22.26
* Flow at Utah Water Rights. CUDAHEY LANE 40 50 29 N/ 111 56 59 W. http://www.waterrights.utah.gov/cgi-bin/dvrtview.exe?Startup . Lower Jordan River.						

^ 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
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>