

Liberty Park Pond Near Inflow

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 12, 2010						
6/12/10 15:00	Liberty Park Pond Near Inflow	Benzene	Undetected	51	5300	N/A
6/12/10 15:00	Liberty Park Pond Near Inflow	Toluene	3.4	15,000	1600	N/A
6/12/10 15:00	Liberty Park Pond Near Inflow	Ethylbenzene	5.9	2,100	790	N/A
6/12/10 15:00	Liberty Park Pond Near Inflow	Xylenes	64.7	No std	700	N/A
6/12/10 15:00	Liberty Park Pond Near Inflow	Naphthalene	57	No std	193	N/A

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>