BOG3 ①: Boggy Creek

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Reaches are study areas of a watershed. Small watersheds (and lakes) have only one reach while the largest have six.

Reach integrity Scores - Eli Phase i Zuigu

Scores range { Very Bad, Bad, Poor, Marginal, Fair, Good, Very Good, Excellent }



The suitability of a waterbody for contact recreation use is evaluated using E. coli bacteria concentrations, which is an indicator of pathogenic activity. Existing water quality standards are used to develop the score criterion for the EII.



Monitoring Locations

Description	Sampling History	Coordinates WGS84 [lat/lon]
2754-North Boggy Creek @ Manor Rd (Stream)	Feb 2003 - Sep 2017	30.286,-97.708 (<u>Google map)</u>

Related Data

http://data.austintexas.gov - filtered view of recent round of Environmental Integrity Index Data (two years) http://data.austintexas.gov - all water quality data collected by WPD over the last 30 years (1.2 Million records +) Monitoring data for site North Boggy Creek @ Manor Rd (# Visits: 53 # Data Points: 7623) (.csv data download)

Related Publications

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Title Size Year Mb Published

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<u>Scores</u>		
Environmental Integrity Index Phase I and II (2013-2014) Watershed Summary Report	73	2015
Escherichia coli Bacteria Source Isolation Sampling	15	2015
Fecal Bacteria and Land Use	0.7	2013
Willowbrook Reach Riparian Restoration Case Study	2.3	2013
The Flow Permanence Index: A Statistical Assessment of Flow Regime in Austin Streams	3.8	2013
Environmental Integrity Index Annual Report 2011-2012	121	2013
Austin Lawn And Garden Chemical Education Campaign	0.9	2011
Environmental Integrity Index Phase I and II (2009-2010) Watershed Summary Report	162	2011
Impacts of Stream Hydrologic Characteristics on Ambient Water Quality and Aquatic Health in the Austin, Texas Area	1.0	2010
Action Plan Items Related to Ell Site Scores Fiscal Year 2009	0.1	2009
WPDRD Master Plan Water Quality Problem Score Method Revision	0.5	2009
Action Plan Items Related to Ell Site Scores Fiscal Year 2008	0.2	2008
Environmental Integrity Index Phase II Watershed Summary Report	52	2007
Environmental Integrity Index Phase 1 (2006) Watershed Summary Report	27	2007
Environmental Integrity Index Phase 1 (2003) Watersheds Report	9.4	2006
Action Plan Items Related to EII Site Scores Fiscal Year 2006	0.1	2006
Action Plan Items Related to Ell Site Scores Fiscal Year 2005	0.1	2005
Common Macroalgae of Central Texas Streams	0.6	2004
Austin Area Phosphorus Levels	1.6	2003

ATX Watersheds Watershed Protection Department City of Austin

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