State University of New York
COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY

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RE: Results of Grand Lake Saint Mary Toxin Analysis for 2010:

Microcystin analyses was run on the 23 Grand Lake Saint Mary fish samples collected on October 27, 2010.

Microcystin was not detected in any of the samples; detection limits, in ug per kg fish tissue (wet weight), are listed for each sample (Table 1). Details on methodologies are available upon request.

Table 1. Results of microcystin analysis by LCMS

ESF ID #	Sample Site	Microcystin Detection Limit (ug/kg)
10-196	127844, Largemouth Bass, fillet	<0.20
10-197	127845, Largemouth Bass, fillet	<0.28
10-198	127846, Largemouth Bass, fillet	<0.21
10-199	127847, Largemouth Bass, fillet	<0.19
10-200	127848, Largemouth Bass, fillet	<0.28
10-201	127849, Largemouth Bass, fillet	<0.21
10-202	127850, Bluegill, fillet	<0.29
10-203	127851, Bluegill, fillet	<0.30
10-204	127852, Bluegill, fillet	<0.20
10-205	127853, Bluegill, fillet	<0.16
10-206	127854, Bluegill, fillet	<0.18
10-207	127855, Bluegill, fillet	<0.18
10-208	127856, Black Crappie, fillet	<0.18
10-209	127857, Black Crappie, fillet	<0.29
10-210	127858, Black Crappie, fillet	<0.18
10-211	127859, Black Crappie, fillet	<0.25
10-212	127860, Black Crappie, fillet	<0.19
10-213	127861, Channel Catfish, fillet	<0.26
10-214	127862, Channel Catfish, fillet	<0.23
10-215	127863, Channel Catfish, fillet	<0.26
10-216	127864, Channel Catfish, fillet	<0.28
10-217	127865, Channel Catfish, fillet	<0.30
10-218	127866, Channel Catfish, fillet	<0.29

LCMS: Liquid chromatography mass spectrometry (single quad MS).

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