

LVI Report

Sample ID: BUR-5192010

Lake Units: 9, 6, 3, 12

Secchi: 6.8 - Feet

Total Depth: 11 - Feet

Sample Date: 5/19/2010

Tech Team: G. Eby, D. Barber, M. Pluchino, K. Moore, E. Jorczak

Metric: Healthy

Species	C of C	9	6	3	12	Results	9	6	3	12
Acer rubrum	4.65	P	P	P		Total Number of Taxa: 31 38 32 25 % Native Taxa: 77.42% 81.58% 78.13% 76% % Invasive Taxa: 19.35% 18.42% 21.88% 24% % Sensitive Taxa: 16.13% 21.05% 15.63% 16% Dominant C of C: 6.99 6.99 5.07 5.07 Native Score: 0.66 0.74 0.68 0.63 Invasive Score: 0.46 0.49 0.39 0.33 Sensitive Score: 0.39 0.51 0.38 0.39 Dominant CoC Score: 1.00 1.00 .87 .87 LVI Score: 63 69 58 56				
Alternanthera philoxeroides	0	P	P	P	P					
Bacopa caroliniana	5.31	P	P							
Bacopa monnieri	4.49		P							
Blechnum serrulatum	7.15		P							
Cephalanthus occidentalis	7.27	P	P	P	P					
Cladium jamaicense	9.04		P		P					
Colocasia esculenta	0	P	P	P	P					
Commelina diffusa	2.02	P								
Cyperus alternifolius	0		P							
Cyperus prolifer	0		P							
Diodia virginiana	4.96	P								
Eleocharis baldwinii	2.82	P	P	P	P					
Eupatorium capillifolium	0.83	P	P	P						
Filamentous algae		P	P	P	P					
Hydrilla verticillata	0	P	P	P	P					
Hydrocotyle umbellata	1.92	P	P	P	P					
Liquidambar styraciflua	5.56			P						
Ludwigia peruviana	0.62			P	P					
Ludwigia repens	5.2		P							
Magnolia virginiana	9.44	P		P	P					
Micranthemum glomeratum	5.85	P	P	P	P					
Mikania scandens	1.95			P						
Myrica cerifera	3.82	P	P							
Najas guadalupensis	5.07	P	P	D	D					
nitella	7.28		P	P						
nuphar	4.64	P	P	P	P					
Nymphaea odorata	6.99	P	P		P					
Nymphoides aquatica	6.09	P	P	P	P					
Osmunda cinnamomea	6.44		P							
Osmunda regalis	8.04		P							
Panicum repens	0	P	P	P	P					
Polygonum hydropiperoides	4.02		P	P						
Pontederia cordata	5.38	P	P		P					
Potamogeton diversifolius	7.15	P	P	P						
Quercus				P						
Sabal palmetto	4.85			P						
Sagittaria lancifolia	4.96	P	P		P					

Total LVI Score: 62

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Salix caroliniana	2.95	P	P	P	P					
Sambucus canadensis	1.48			P						
Sapium sebiferum	0	P	P	P						
Taxodium ascendens	7.21	P	P							
Taxodium distichum	7.21	P	P	P	P					
typha	0.8	P	P	P	P					
Utricularia biflora	6.37		P	P	P					
Vallisneria americana	6.99	D	D	P	P					
Vitis rotundifolia	1.18	P	P	P	P					
Wedelia trilobata	0	P		P	P					