

LVI Report

Sample ID: PIC-5192010

Lake Units: 1, 4, 7, 10

Secchi: 9.7 - Feet

Total Depth: 24 - Feet

Sample Date: 5/19/2010

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

Metric: Healthy

Species	C of C	1	4	7	10	Results	1	4	7	10
Acer rubrum	4.65	P	P	P	P	Total Number of Taxa: 36 19 29 36 % Native Taxa: 77.78% 100% 93.1% 75% % Invasive Taxa: 19.44% 0% 6.9% 19.44% % Sensitive Taxa: 19.44% 31.58% 20.69% 16.67% Dominant C of C: 8.45 8.45 5.07 8.45 Native Score: 0.67 1 0.96 0.62 Invasive Score: 0.46 1 0.81 0.46 Sensitive Score: 0.47 0.77 0.5 0.41 Dominant CoC Score: 1.00 1.00 .87 1.00 LVI Score: 65 94 79 62				
Alternanthera philoxeroides	0	P			P					
Brachiaria mutica	0				P					
Cephalanthus occidentalis	7.27	P	P	P	P					
Cladium jamaicense	9.04	P	P		P					
Colocasia esculenta	0	P			P					
Cyperus alternifolius	0	P								
Eleocharis baldwinii	2.82	P		P	P					
Eupatorium capillifolium	0.83	P		P	P					
Fuirena scirpoidea	6.5	P	P	P	P					
Hydrilla verticillata	0	P		P	P					
Hydrocotyle umbellata	1.92	P		P	P					
Hypericum		P		P						
Ilex cassine	7.66	P	P							
Juncus effusus	3.25				P					
Leersia hexandra	5.61	P		P						
Limnophila sessiliflora	0	P								
Liquidambar styraciflua	5.56		P		P					
Ludwigia arcuata	5.32	P								
Ludwigia peruviana	0.62				P					
Magnolia virginiana	9.44	P		P	P					
Mayaca fluviatilis	8.45	D	D	P	D					
Mikania scandens	1.95	P			P					
Myrica cerifera	3.82	P	P	P	P					
Najas guadalupensis	5.07	P	P	D	P					
Nephrolepis		P								
Nuphar	4.64	P			P					
Nymphaea odorata	6.99	P	P	P	P					
Nymphoides aquatica	6.09	P	P	P	P					
Osmunda cinnamomea	6.44	P								
Osmunda regalis	8.04	P	P	P	P					
Panicum hemitomon	5.82	P	P	P	P					
Panicum repens	0			P	P					
Pontederia cordata	5.38	P	P	P	P					
Rhynchospora		P								
Sabal palmetto	4.85		P	P						
Sacciolepis striata	5.35				P					
Sagittaria lancifolia	4.96	P	P	P	P					

Total LVI Score: 75

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Salix caroliniana	2.95	P		P	P					
Salvinia minima	2.03				P					
Sambucus canadensis	1.48				P					
Sapium sebiferum	0				P					
Schinus terebinthifolius	0	P								
Scirpus cubensis	3.77				P					
Taxodium ascendens	7.21	P	P	P	P					
Taxodium distichum	7.21			P						
Typha	0.8			P	P					
Utricularia biflora	6.37			P						
Utricularia purpurea	6.5			P						
Vallisneria americana	6.99			P						
Vitis rotundifolia	1.18	P	P	P	P					
Wedelia trilobata	0	P								
Woodwardia virginica	6.5		P							