

Date: 6/6/2010 Scenario: 16

Lake Id:

Watershed Id: 0

Hydrologic and Morphometric Data

Tributary Drainage Area: 12617.0 acre

Total Unit Runoff: 0.0 in.

Annual Runoff Volume: 0.0 acre-ft

Lake Surface Area <As>: 200.0 acre

Lake Volume <V>: 0.0 acre-ft

Lake Mean Depth <z>: 0.0 ft

Precipitation - Evaporation: 0.0 in.

Hydraulic Loading: 0.0 acre-ft/year

Areal Water Load <qs>: 0.0 ft/year

Lake Flushing Rate <p>: 0.00 1/year

Water Residence Time: 0.00 year

Observed spring overturn total phosphorus (SPO): 0.0 mg/m³

Observed growing season mean phosphorus (GSM): 0.0 mg/m³

% NPS Change: 0%

% PS Change: 0%

NON-POINT SOURCE DATA

Land Use	Acre	Low	Most Likely	High	Loading %	Low	Most	
Likely High								
	(ac)	---- Loading (kg/ha-year) ----						
----- Loading (kg/year) -----								
Row Crop AG	7937	0.50	1.00	3.00	91.5			
1606	3212 9636							
Mixed AG	0.0	0.30	0.80	1.40	0.0			
0	0							
Pasture/Grass	1175	0.10	0.30	0.50	4.1			
48	143 238							
HD Urban (1/8 Ac)	0.0	1.00	1.50	2.00	0.0			
0	0							
MD Urban (1/4 Ac)	0.0	0.30	0.50	0.80	0.0			
0	0							
Rural Res (>1 Ac)	83	0.05	0.10	0.25	0.1			
2	3 8							
Wetlands	965	0.10	0.10	0.10	1.1			
39	39 39							
Forest	2457	0.05	0.09	0.18	2.5			
50	89 179							
Lake Surface	200.0	0.10	0.30	1.00	0.7			
8	24 81							

POINT SOURCE DATA

Point Sources	Water Load (m ³ /year)	Low (kg/year)	Most Likely (kg/year)	High (kg/year)	Loading %
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SEPTIC TANK DATA

Description	Low	Most Likely	High
Loading %			
Septic Tank Output (kg/capita-year)	0.3	0.5	0.8
# capita-years	0.0		
% Phosphorus Retained by Soil	98	90	80
Septic Tank Loading (kg/year)	0.00	0.00	0.00

0.0

TOTALS DATA

Description	Low	Most Likely	High	Loading %
Total Loading (lb)	3862.8	7740.2	22446.0	100.0
Total Loading (kg)	1752.1	3510.9	10181.4	100.0
Areal Loading (lb/ac-year)	19.31	38.70	112.23	0.0
Areal Loading (mg/m ² -year)	2164.83	4337.87	12579.45	0.0
Total PS Loading (lb)	0.0	0.0	0.0	0.0
Total PS Loading (kg)	0.0	0.0	0.0	0.0
Total NPS Loading (lb)	3844.9	7686.7	22267.6	100.0
Total NPS Loading (kg)	1744.1	3486.7	10100.5	100.0