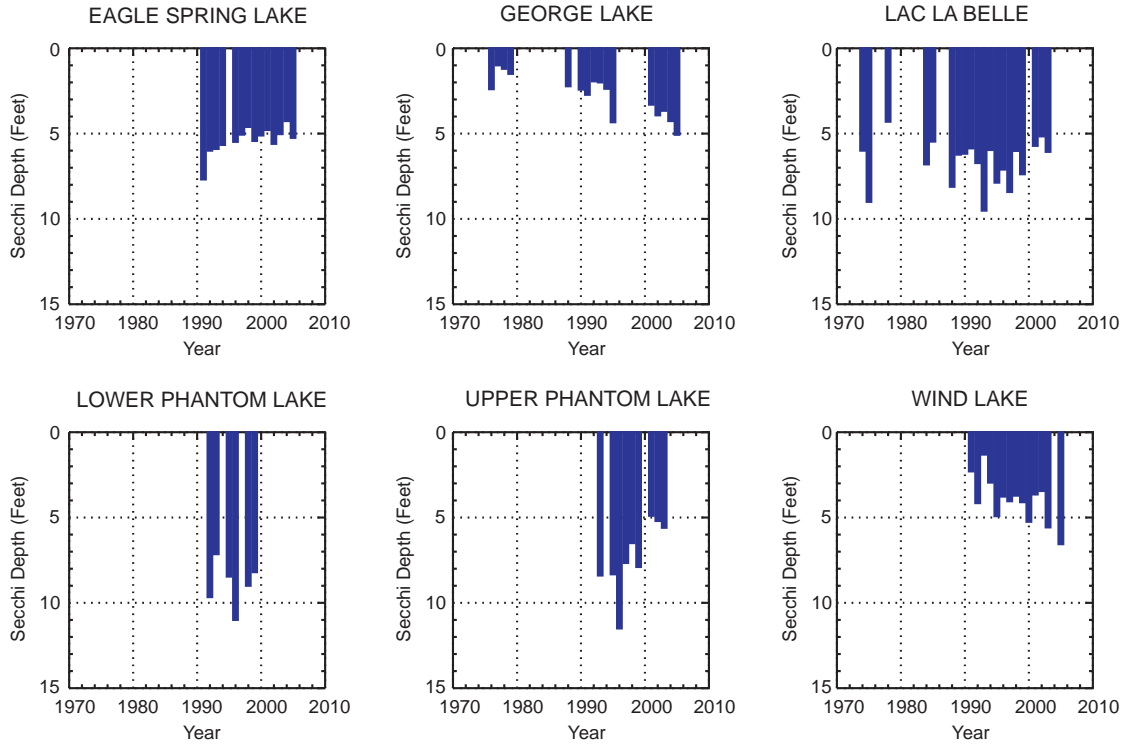


Attachment 36

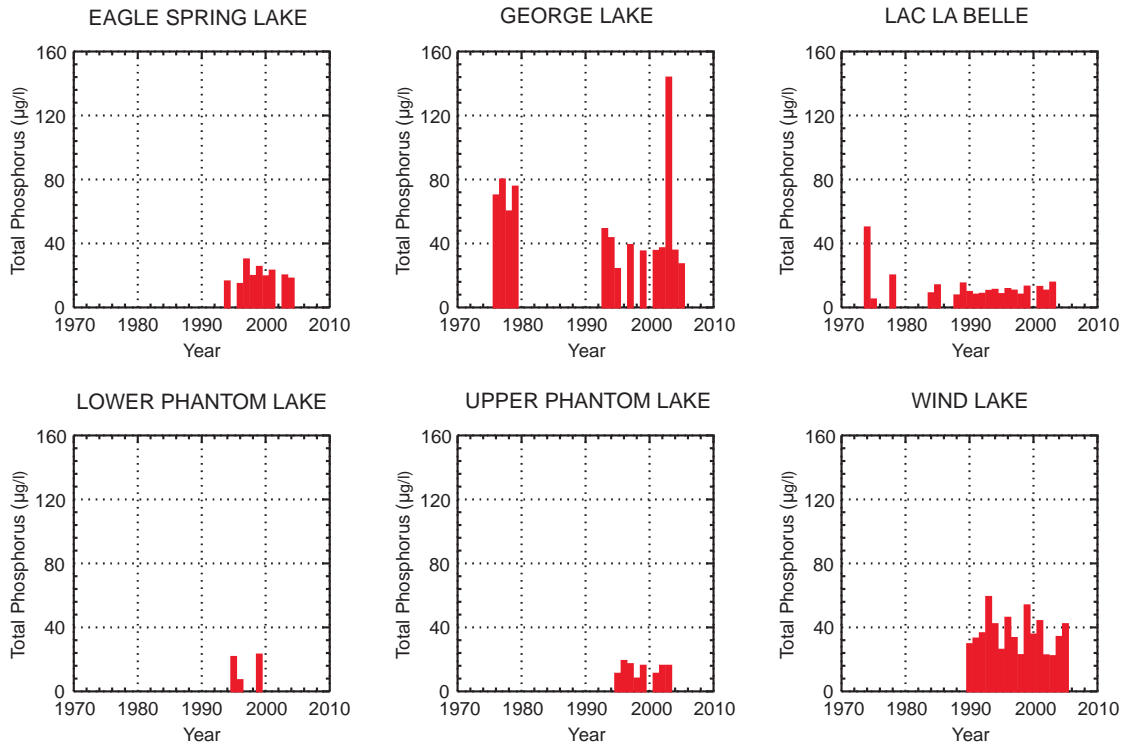
ANNUAL MEAN SUMMER (JUNE 15-SEPTEMBER 15) SECCHI DEPTH
AMONG SHALLOW LAKES IN SOUTHEAST WISCONSIN: 1970-2008



Source: SEWRPC.

Attachment 37

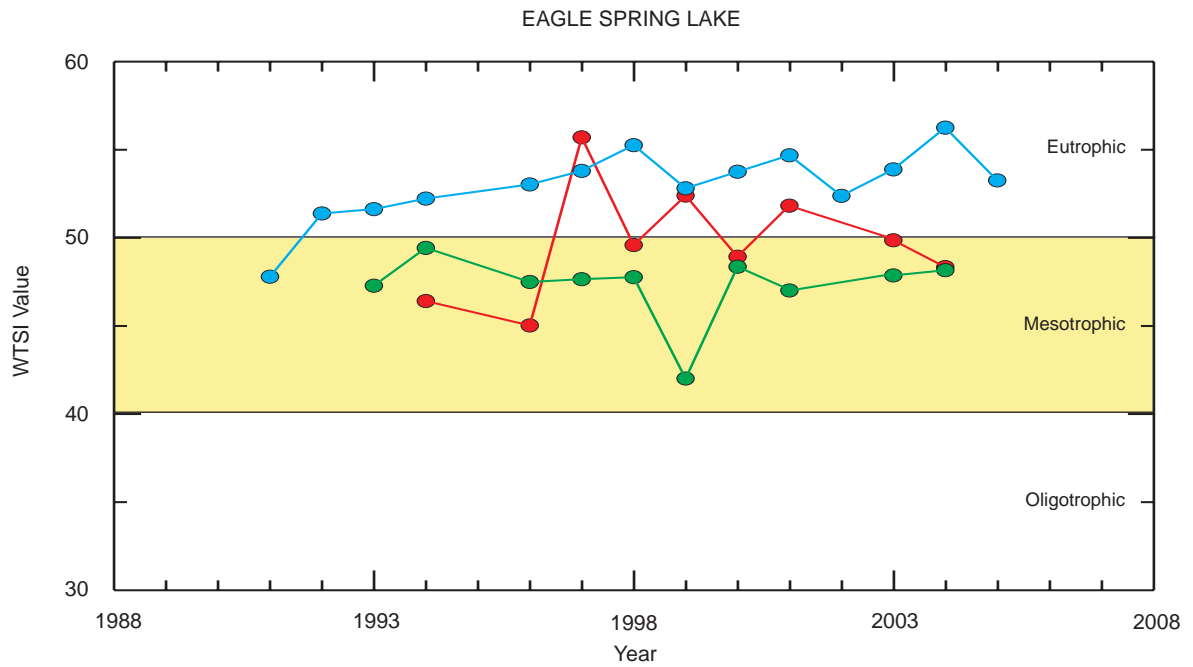
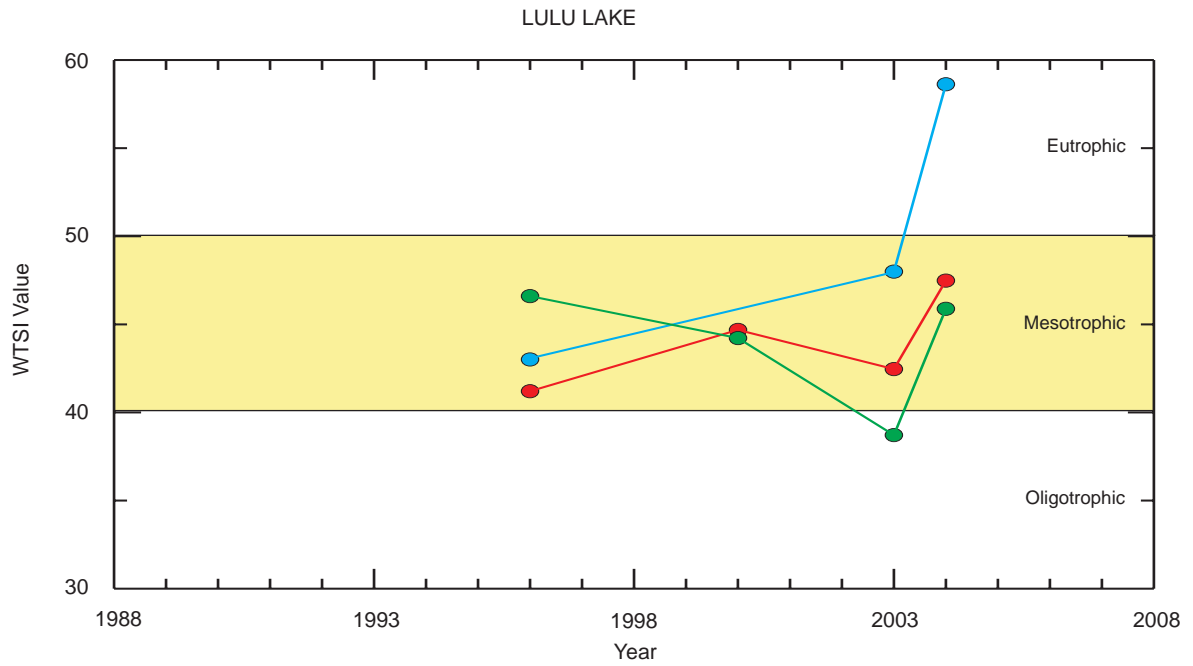
ANNUAL MEAN SUMMER (JUNE 15-SEPTEMBER 15) TOTAL PHOSPHORUS
AMONG SHALLOW LAKES IN SOUTHEAST WISCONSIN: 1970-2008



Source: SEWRPC.

Attachment 38

TROPHIC STATE INDEX FOR EAGLE SPRING AND LULU LAKES: 1988-2008



—●— Total Phosphorus —●— Secchi Depth —●— Chlorophyll-a

Source: SEWRPC.

Attachment 39

AQUATIC PLANT SPECIES OBSERVED IN SHALLOW LAKES THROUGHOUT SOUTHEASTERN WISCONSIN

Common Name	Benet and Shangrila Lakes	Big Muskego Lake	Eagle Spring Lake	George Lake	Lac La Belle	Lower Phantom Lake	Pike Lake	Voltz Lake	Wandawega Lake	Wind Lake
Bladderwort	--	X	X	X	--	X	--	X	X	X
Bushy Pondweed.....	X	--	X	X	X	X	X	X	X	X
Clasping-Leaf Pondweed.....	--	--	X	--	--	X	X	X	X	X
Coontail	X	X	X	X	--	X	X	X	X	X
Curly-Leaf Pondweed	X	X	X	X	X	X	X	--	--	X
Eel Grass/Wild Celery.....	--	X	X	--	X	X	X	--	X	X
Elodea	--	X	X	--	X	X	X	X	X	X
Eurasian Water Milfoil.....	X	X	X	X	X	X	X	X	X	X
Flat-Stem Pondweed	--	--	X	--	--	X	X	X	X	X
Floating-Leaf Pondweed.....	--	--	X	--	--	X	X	--	X	--
Illinois Pondweed.....	--	X	X	X	X	X	X	--	X	X
Large-Leaf Pondweed.....	--	--	--	--	--	X	--	--	X	--
Leafy Pondweed.....	--	--	X	--	--	--	--	--	X	X
Long-Leaf Pondweed.....	--	--	--	--	--	--	--	--	--	X
Muskgrass	X	X	X	X	X	X	X	X	X	X
Needle Spikerush	--	--	X	--	--	--	--	--	--	--
Nitella	--	--	--	--	--	X	--	--	--	--
Northern Water Milfoil.....	--	X	X	--	X	X	X	--	X	X
Sago Pondweed	X	X	X	X	X	X	X	X	X	X
Small Pondweed.....	X	--	X	X	--	--	--	--	X	X
Spiny Naiad	--	X	X	--	X	X	X	--	--	X
Variable Pondweed.....	--	--	X	X	X	X	X	--	X	X
Water Crowfoot.....	--	X	X	X	X	--	X	X	X	--
Water Stargrass.....	X	--	X	--	X	X	X	X	X	--
White-Stem Pondweed	--	--	--	--	--	X	--	--	--	X
Total Number of Species	8	12	21	11	13	20	17	11	19	19

Source: SEWRPC.

Attachment 40

FISH SPECIES COMPOSITION BY PHYSIOLOGICAL TOLERANCE
IN THE EAGLE SPRING WATERSHED: 1958-2008

Species According to Their Relative Tolerance to Pollution	1958-1989	1990-2005
Intolerant		
Blackchin Shiner.....	X	--
Blacknose Darter.....	X	X
Least Darter ^a	X	--
Iowa Darter.....	X	--
Rainbow Darter.....	X	--
Rock Bass.....	X	X
Smallmouth Bass.....	--	X
Tolerant		
Bluntnose Minnow.....	X	X
Brook Stickleback.....	X	--
Brown Bullhead.....	--	X
Central Mudminnow.....	X	X
Common Carp.....	X	X
Creek Chub.....	X	--
Fathead Minnow.....	--	X
Golden Shiner.....	X	X
Green Sunfish.....	X	X
White Sucker.....	X	X
Yellow Bullhead.....	X	X
Intermediate		
Banded Killifish ^a	X	--
Black Crappie.....	X	X
Blackside Darter.....	--	X
Bluegill.....	X	X
Bowfin.....	--	X
Brook Silverside.....	X	X
Common Shiner.....	X	X
Emerald Shiner.....	X	--
Fantail Darter.....	X	--
Grass Pickerel.....	X	X
Johnny Darter.....	X	X
Lake Chubsucker ^a	X	X
Largemouth Bass.....	X	X
Northern Pike.....	--	X
Pumpkinseed.....	X	X
Warmouth.....	X	X
White Crappie.....	--	X
Yellow Perch.....	X	X
Total Number of Species	30	27

^aDesignated species of special concern.

Source: Wisconsin Department of Natural Resources and SEWRPC.