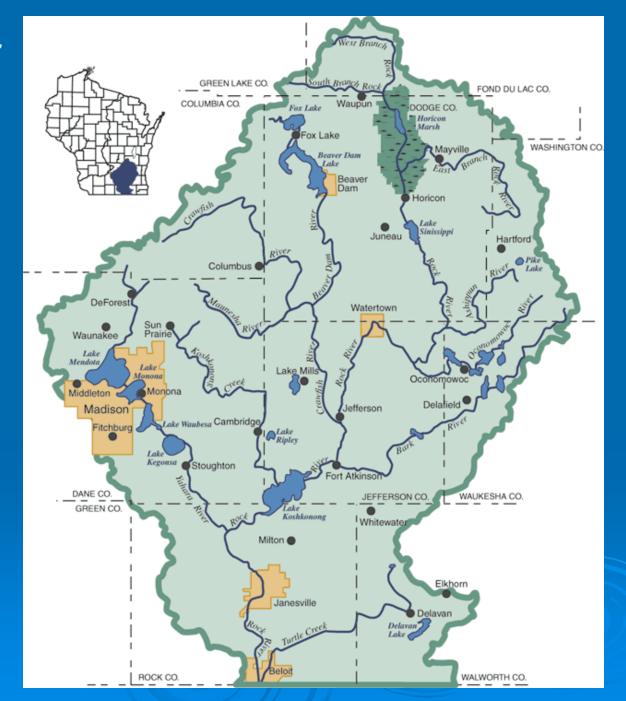
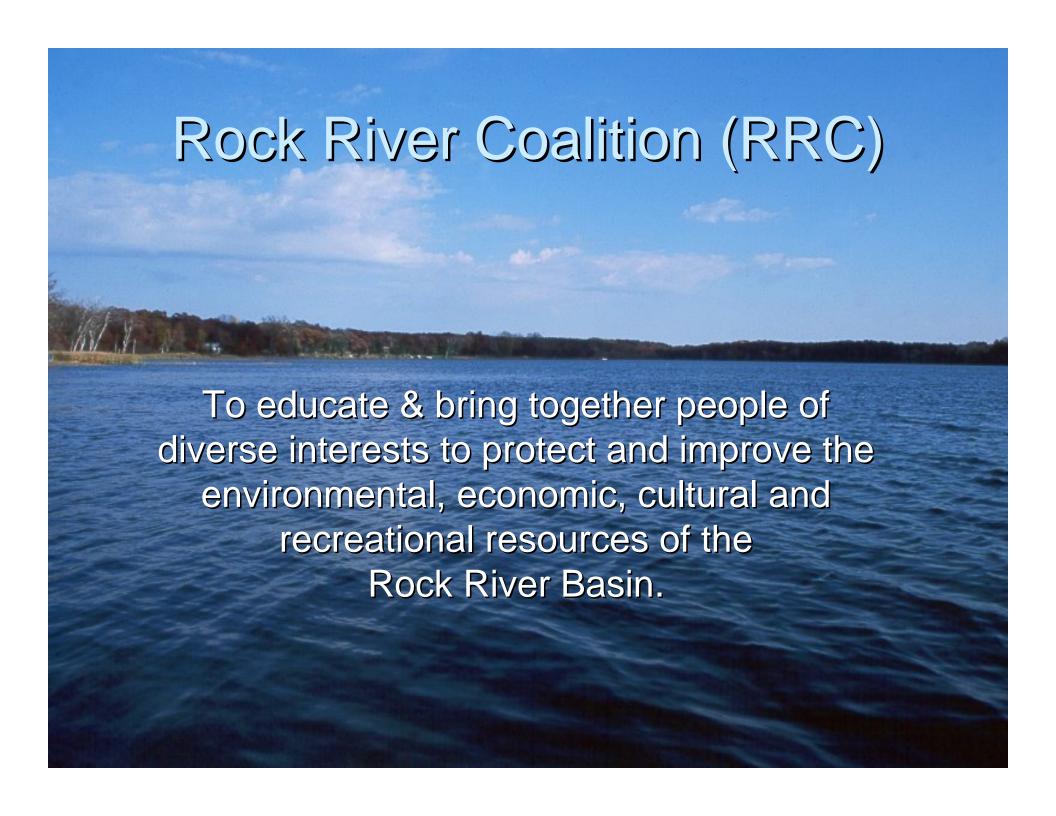


Rock River Basin

Partnerships make things happen in the Rock River Basin





Wisconsinites Love Their Lakes



Wisconsin Lakes



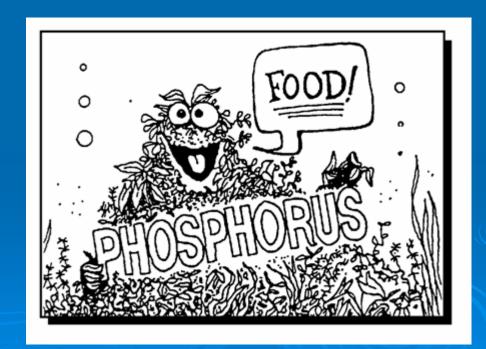
Wisconsin has the third highest concentration of lakes in the world





Tied Together

- Our excess plant growth is tied together by two things:
 - Sediment
 - Phosphorus



Explosive Algae Blooms



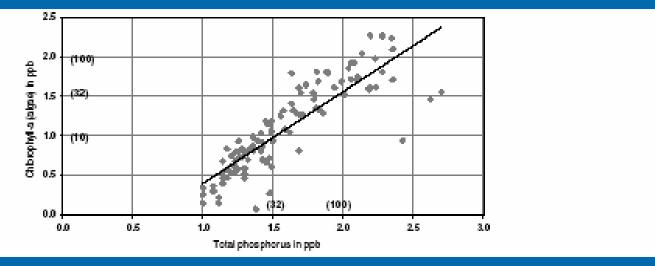




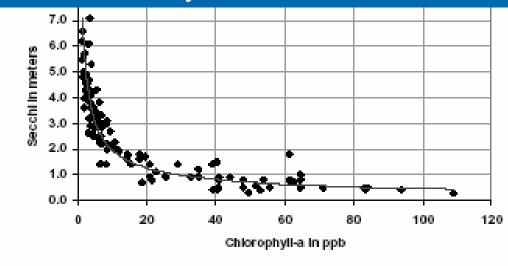


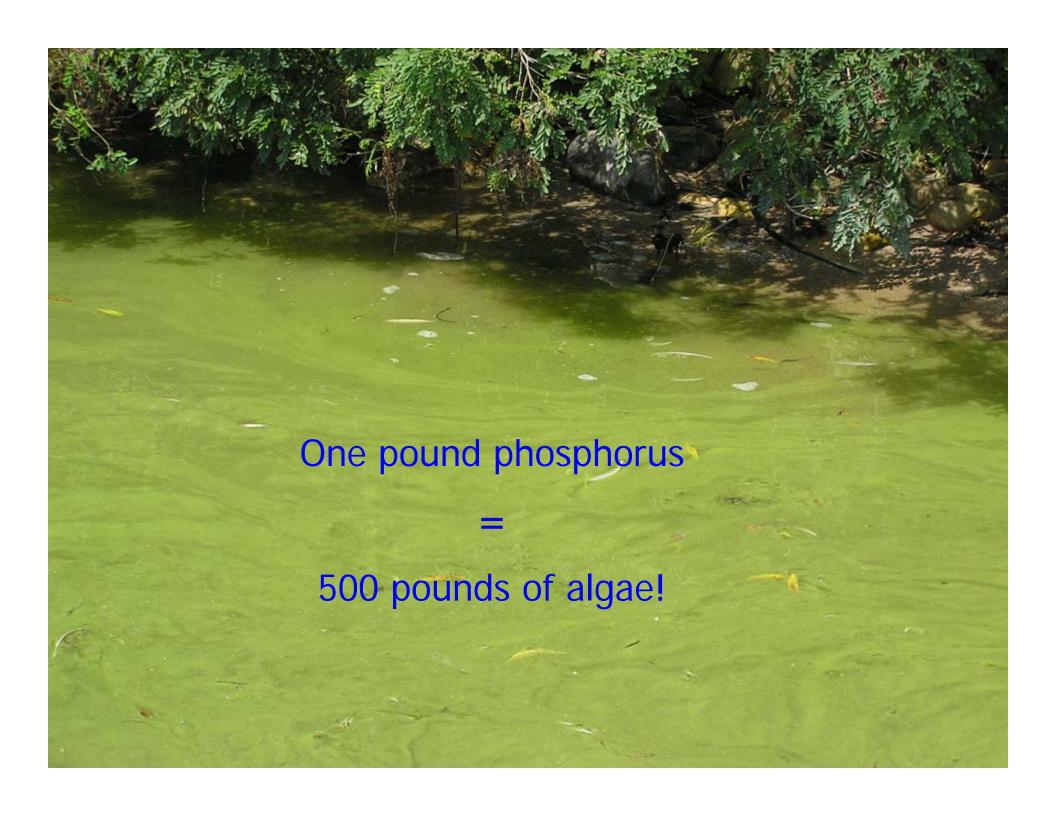
As the total amount of phosphorus in the water increases, the amount of algae in the water increases:

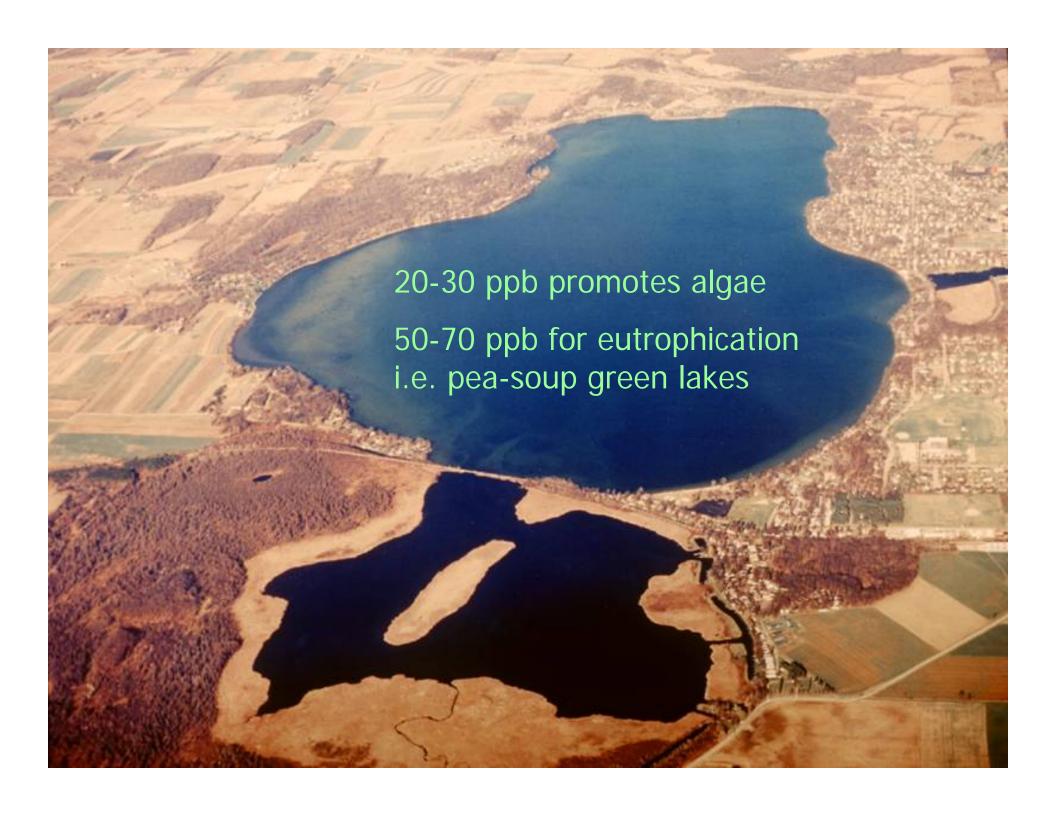
Chlorophyll-a is one measure of algae amounts



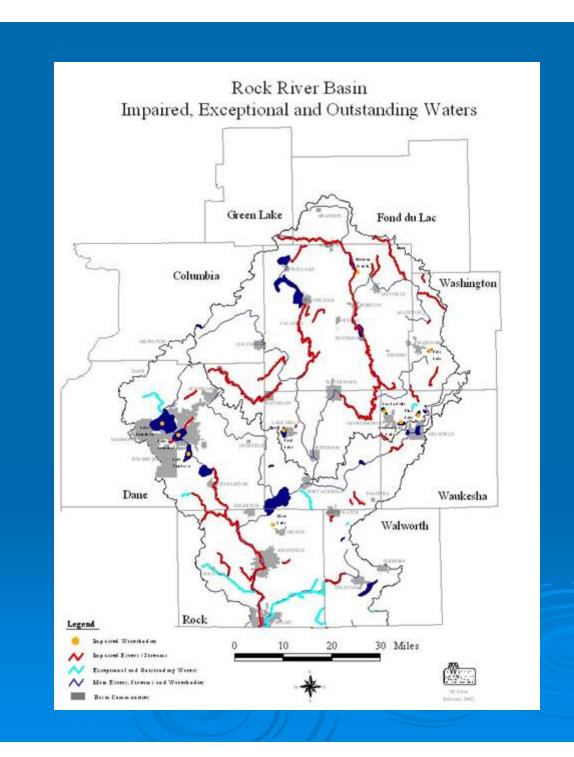
As the amount of algae in the water increased: The clarity of the water decreases













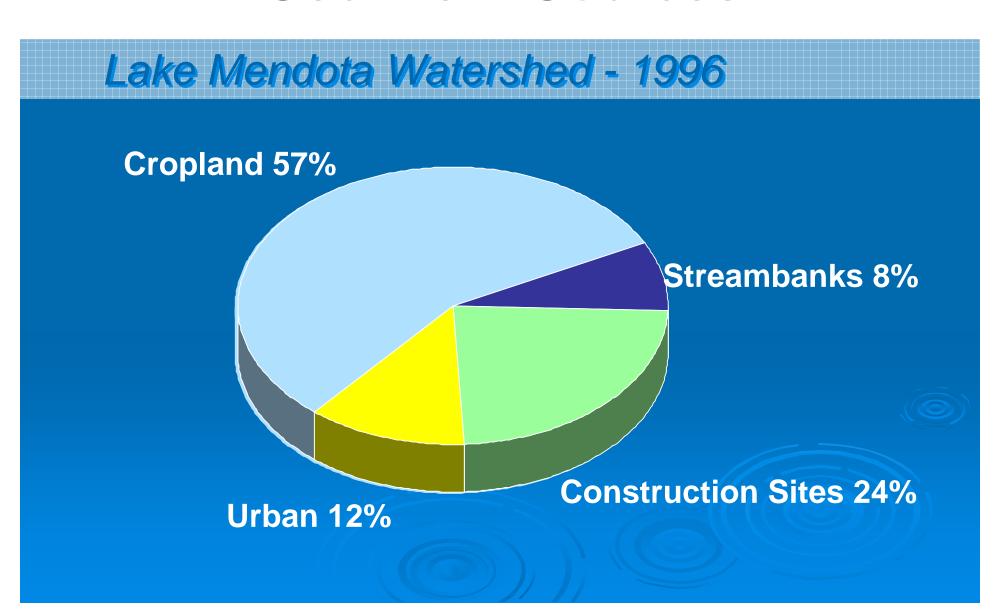






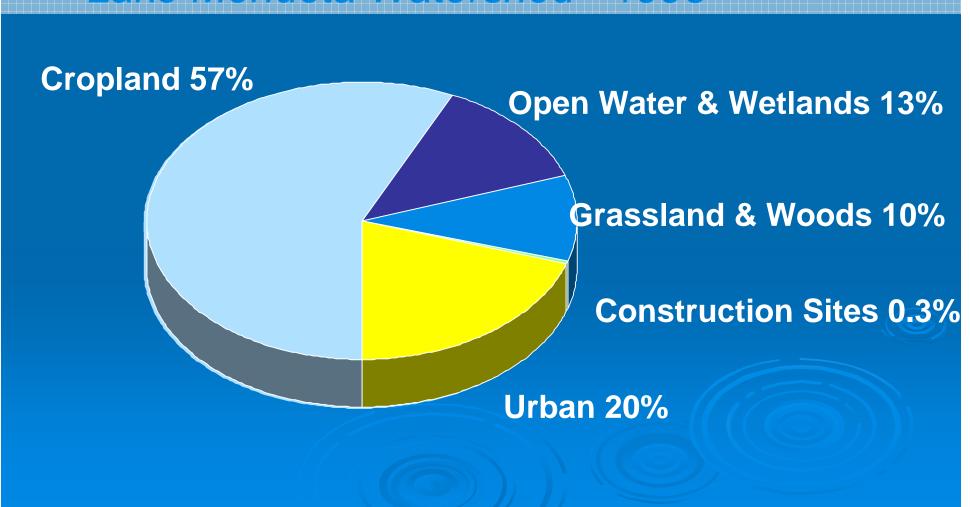


Sediment Sources



Land Uses











Some Agriculture Performance Standards require cost share.







Much money and effort has been spent to keep pollution out of the lakes and streams.







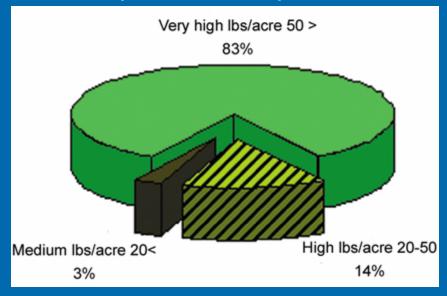


Phosphorus is Essential for Plant Growth

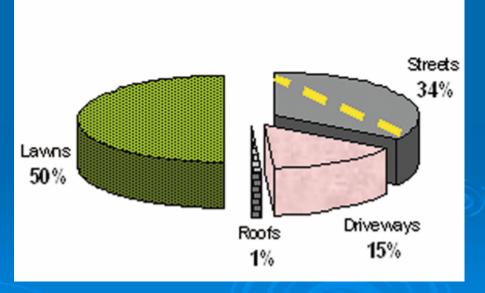


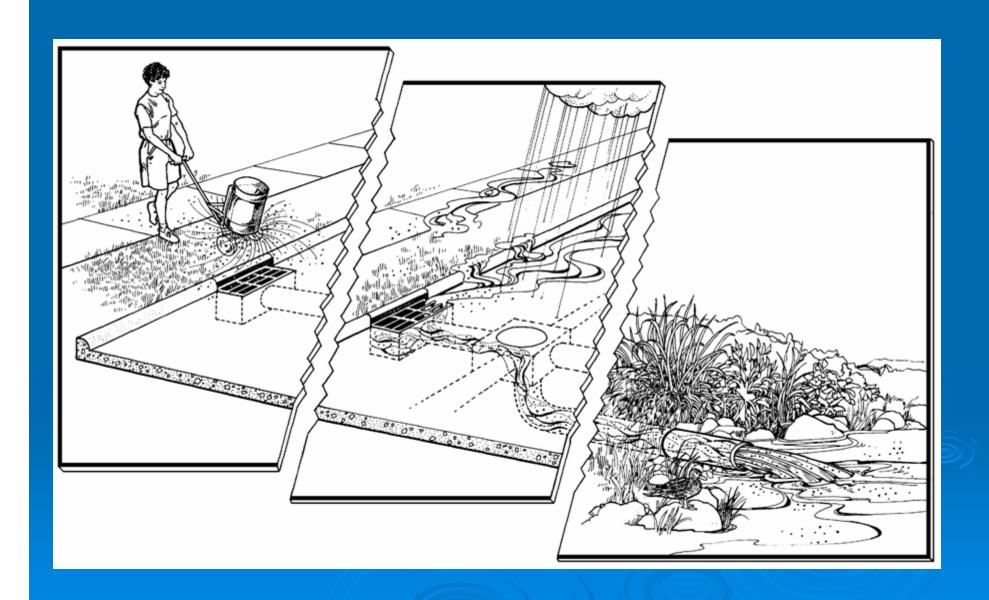


Soil Phosphorus Fertility Rating Summary of 181 Study Lawns



Urban Residential Runoff Total Phosphorus Sources





Soil P Changes Over Time

Example: Soil with P 60lbs/acre

Clippings removed
4.5lbs/acre/year used
8 years without adding P

Leave clippings
1.8 lbs/acre/year used
22 years without adding P

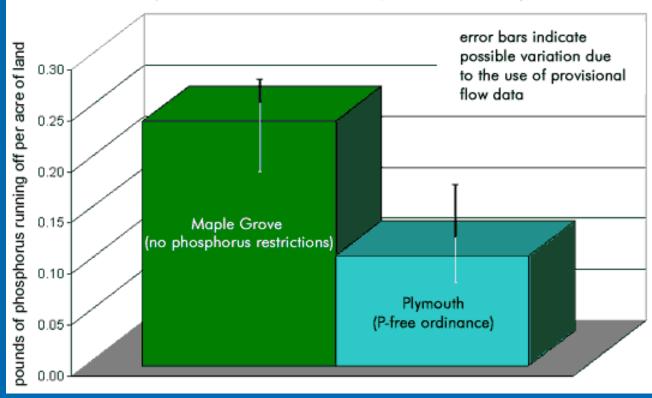






Phosphorus Runoff from Study Watersheds - Summer 2001

reported as pounds of phosphous running off per acre of land (total for summer rain events, July 17 - November 23)



Community with phosphorus ban had half the run off!



20,000 square foot lawn not using excess phosphorus means 1,000 pounds less algae!



Let's all work together for healthy rivers and lakes!



RRC Recommendation: restrict phosphorus application in residential areas to only new lawns, lawns where a soil test shows a need and of course allow application to fruits, flowers, trees, shrubs and vegetables.

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Photos and graphics by:

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