

ACCOUNTING OUR WATER RESOURCES FOR TOMORROW WORKSHOP

A New Paradigm for the Adaptive
Management of Great Lakes Water

www.glvirtualwater.net



VIRTUAL WATER ACCOUNTING



A brief background

- We gratefully acknowledge our sponsors: Great Lakes Protection Fund
- Co-investigators: Mayer (MTU), Ruddell (ASU), Mubako (UTEP)
- Public outreach: Great Lakes Commission
- Project phases:
 - Project began in early 2011
 - Advisory committee provided input early in project
 - Groundwater availability study
 - Relationship between watershed scale and (ecological) water scarcity study
 - Kalamazoo watershed pilot study for developing virtual water accounting framework
 - Application of virtual water accounting framework to Great Lakes basin



Introductions



VIRTUAL WATER ACCOUNTING



Agenda

10:00 am	Introduction
10:10	Virtual Water Accounting (VWA) Concepts
11:10	Break
11:15	VWA Case Studies
12:00 am	Lunch
1:00	Extending VWA to the Great Lakes basin
2:00	Discussion of application of VWA to the Great Lakes basin
2:45	Wrap-up and Next Steps
3:15	Adjourn



Questions to bear in mind

- What technical advances are needed to apply Virtual Water Accounting to the Great Lakes basin?
- What role can Virtual Water Accounting play in the management of water use in the Great Lakes basin?
- Can the Great Lakes basin benefit from Virtual Water export, given the basin's rich freshwater resources and growing global water scarcity?

these questions will drive discussion at end of workshop

