

Arizona Water Quality and Volunteer Monitoring Workshop

December 15-16, 2004
 Yuma Crossing State Park
 Yuma, Arizona

Wednesday, December 15

8:00 - 8:30	Registration
8:30 - 9:30	Welcome & Extended Introductions - Kitt Farrell-Poe, All <ul style="list-style-type: none"> • Welcome and purpose of workshop • Everyone introduces themselves and tell what they are doing in the way of water quality monitoring or what they want to be doing
9:30 - 10:30	Importance of the Big Picture - Linda Taunt, Linda Green <ul style="list-style-type: none"> • Looking at the whole watershed • Understanding water, watersheds, and beneficial uses • Identifying potential water quality and habitat impacts in a watershed • Reasons for monitoring • Determining questions to be answered
10:30 - 11:00	Break
11:00 - noon	What it All Means - Kris Stepenuck <ul style="list-style-type: none"> • Overview of what parameters are typically monitored and how they help to assess specific impacts • What the numbers mean • Uses of monitoring information
noon - 1:00	Lunch
1:00 - 2:30	Getting and Using the Information - Kris Stepenuck <ul style="list-style-type: none"> • Selecting testing methods based on information uses • Quality assurance/quality control considerations • Data storage, interpretation, presentation • Empowering citizens with data
2:30 - 3:00	Break
3:30 - 4:30	Overall Program Management Considerations - Linda Green <ul style="list-style-type: none"> • The Volunteer Monitoring System • Setting Vision, Goals, and Objectives • Monitoring Design • Program Design • Training Tips

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Thursday, December 16

8:00 - 8:30	Registration
8:30 - 9:00	Overview of field experience, gathering equipment
9:00 - noon	Field Experience Group A: Stream Flow, Solids, Turbidity - Linda Group B: DO, pH, Temperature, EC/Salinity, Nitrate, Phosphorus - Kitt Farrell-Poe, Russ Radden Group C: Aquatic macroinvertebrates, Bacteria, Habitat assessment - Kris Stepenuck, Robert Emanuel
noon - 1:00	Lunch
1:00 - 2:30	Resources Available for Monitoring Programs: Sharing Tools & Techniques - Kris Stepenuck, All <ul style="list-style-type: none"> • References, newsletters, equipment sources, CSREES Volunteer Monitoring Program, organizations, etc. • Participants share what's working or not working with tools, techniques, parameter test methods, data storage and retrieval • Selected case studies
2:30 - 3:00	Break
3:00 - 4:30	First Steps in Forming an Arizona Water Monitoring Council - Linda Green <ul style="list-style-type: none"> • What is a Monitoring Council • Why have one? • Getting Everyone to the Table • What's in it for Me? • Discussion and Next Steps
4:30 - 5:00	Wrap up, Evaluations